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CONTENTS

Errata		v	List of Journals										ix
Abstractors		vi	Author Index										853
Transliteration of Russian for Bibliographical Purposes		viii	Subject Index										986
			List of Subject Index Headings										1126
51	MATHEMATICS	1	45	81	133	201	261	343	433	523	—	703	785
52	ASTRONOMY. ASTROPHYSICS	1	45	81	133	201	261	343	433	523	613	703	785
53	PHYSICS	3	46	83	139	203	263	346	440	525	616	705	786
530.1	Fundamentals	3	46	83	139	203	263	346	440	525	616	705	786
531	General mechanics. Mechanics of solids	6	49	85	146	208	269	351	447	531	621	—	789
531.7	Mechanical measurements	—	—	86	146	208	270	352	—	531	622	710	789
532	Mechanics of fluids	6	49	86	146	208	270	352	448	531	622	710	789
532.7	Molecular theory of liquids	7	50	86	147	209	271	354	448	533	623	711	790
533	Mechanics of gases	8	50	86	147	209	273	354	449	534	625	712	791
533.7	Molecular theory of gases	8	50	87	147	210	274	356	449	535	626	712	791
534	Vibrations. Acoustics	9	50	87	148	210	275	356	449	535	626	712	792
535	Optics. Radiation. Spectra	10	51	89	150	213	279	360	453	537	631	715	795
536	Heat	14	55	95	156	217	287	367	459	545	639	720	800
536.7/.8	Thermodynamics	16	—	—	157	219	291	371	461	546	642	723	803
537	Electricity	16	56	97	158	219	291	371	462	547	642	723	803
537.2	Electrostatics. Dielectrics	16	56	97	158	219	291	371	462	547	642	723	803
537.3	Electric conduction. Currents	17	56	98	159	220	293	373	462	548	643	724	804
537.52	Electric discharges	19	59	101	162	224	300	378	470	555	652	734	809
537.531	X-rays	20	59	102	162	225	301	379	471	555	654	735	810
537.533/.534	Cathode rays. Positive rays	20	60	102	163	225	302	379	471	556	655	736	810
537.54	Discharge tubes. Ionization. Thermionics	21	60	103	164	226	304	381	473	559	659	739	812
537.591	Cosmic rays	21	61	104	165	227	305	383	475	561	660	741	815
538	Magnetism	22	61	105	167	228	306	384	477	562	662	743	815
538.3/.5	Electromagnetism. Electrodynamics	23	62	106	169	230	310	387	479	566	665	747	824
538.56	Electromagnetic waves and oscillators	23	62	106	170	232	310	388	480	567	665	747	824
539.1	Nuclear and atomic physics	24	63	107	170	233	311	391	482	568	667	750	826
539.1.07	Apparatus. Particle detectors	24	63	107	170	233	311	391	482	568	667	750	826
539.12	Elementary particles	24	64	108	171	234	312	392	483	570	667	751	827
539.14	Nucleus	27	67	113	179	240	314	396	491	577	672	757	831
539.16	Radioactivity	29	70	114	181	242	315	399	495	580	675	759	833
539.17	Nuclear reactions	29	71	116	184	244	318	401	498	585	678	762	835
539.18	Atoms	32	73	118	189	248	321	405	506	590	683	767	837
539.19	Molecules	33	75	120	190	248	322	407	508	592	684	768	838
539.2	Solid-state physics	35	75	121	192	251	326	410	510	594	687	771	841
539.211	Structure of solids	38	76	124	194	255	328	415	513	598	691	774	843
539.3/.8	Elasticity. Strength. Rheology	38	77	125	194	255	331	417	513	600	693	777	846
541	PHYSICAL CHEMISTRY	40	78	127	195	257	334	420	514	603	696	778	847
541.11/.12	Phase equilibrium. Chemical reactions	40	78	127	195	257	334	420	514	603	696	778	847
541.13	Electrochemistry	40	—	—	195	—	335	421	514	603	—	779	847
541.14/.15	Photochemistry. Radiation chemistry	40	78	127	196	257	336	421	514	603	697	779	848
541.18	Dispersion. Colloids. Adsorption	—	78	128	196	—	336	421	515	604	697	780	848
541.2/.6	Chemical structure	—	—	128	—	—	—	422	—	604	697	780	—
543/545	Chemical analysis	41	78	128	—	257	336	422	515	604	697	780	849
548	CRYSTALLOGRAPHY	41	78	128	196	258	337	422	516	605	697	780	849
548.7	X-ray crystallography	41	79	128	197	258	338	423	516	606	698	780	849
55	GEOPHYSICS	42	79	129	197	258	340	424	516	607	700	782	850
551.5	Atmosphere. Meteorology	42	79	129	197	258	341	425	517	608	700	782	850
57/59	BIOLOGY	43	80	130	199	259	342	431	520	611	—	784	851
61	Medical science. Human physiology	43	80	130	199	259	342	431	520	611	—	784	851
62/69	TECHNIQUE. MATERIALS	44	—	132	200	260	342	432	522	—	702	—	852
77	Photography	44	—	132	200	260	342	—	522	—	702	—	852

ERRATA

Abstr. 3971 (1955) line 9 : for "0.000 71" read "0.007 1".

Abstr. 3307 (1956) line 11 : for "increases" read "decreases".

Author Index
(1956) p. 1096, column 2 : insert "Muto,T. and Takagi,Y. The theory of order—disorder transitions in metals, 6038".

Author Index (1957) p. 974, column 2 : for "Jergers,J.F." read "Jerger,J.F."
p. 989, column 1 : Lévy,M.; transfer entry "Radiation coloration in glasses, 1664" to be under "Levy,M."
p.1006, column 1 : for "Noggle,T.S. and Kohler,J.S." read "Noggle,T.S. and Koehler,J.S."
p.1040, column 1 : for "Toraldi di Francia,G." read "Toraldo di Francia,G."
Abstr. 5264, 5546, 6395, 6476, 6564 (1957), journal reference: for "Vol. 239" read "Vol. 238".

Author Index (1958) p. 869, column 1 : for "Breazeale,M.A. and Heidemann,E.A." read "Breazeale,M.A. and Hiedemann,E.A."
p. 904, column 1 : for "Heidemann,E.A." read "Hiedemann,E.A."
p. 983, column 1 : for "Zankel,K.L. and Heidemann,E.A." read "Zankel,K.L. and Hiedemann,E.A."
November, 1958, p. 714, column 1 : cross-reference "Magnetic effects in the attenuation of transverse acoustic waves by conduction electron transport": insert "See Abstr. 7480" at end.

Abstr. 18 (1958) line 11 : for "the longitude decay of" read "longitude".
Abstr. 509 (1958) line 2 : for "C.B. van Wyck" read "C.B. van Wyk".
Abstr. 638 (1958) line 1 : for "ABERRATION" read "ABERRATIONS".
Abstr. 774 (1958) line 2 : for "L.Spitzer" read "L.Spitzer,Jr".
Abstr. 817 (1958) line 7 : for "Vol. 25" read "Vol. 125".
Abstr. 1212 (1958) line 3 : for "P.Woloschek" read "P.Waloschek".
Abstr. 1249 (1958) line 2 : for "M.Yamaba" read "M.Yamada".
Abstr. 1493 (1958) line 2 : for "Tzou Kuo-Hsein" read "Tzou Kuo-Hsien".
Abstr. 1759 (1958) line 4 : for "L.I.Sarȳtcheva" read "L.I.Sarȳcheva".
Abstr. 1823 (1958) line 3 : for "(Jan., 1958)" read "(Jan. 16, 1958)".
Abstr. 1976 (1958) line 3 : for "Yu.A.Alexandrov" read "Yu.A.Aleksandrov".
Abstr. 2470 (1958) line 2 : for "R.Rȳndin" read "R.M.Rȳndin".
Abstr. 2508 (1958) line 6 : for "equal" read "opposite".
Abstr. 2680 (1958) line 3 : for "P.A.Kurov" read "G.A.Kurov".
Abstr. 2684 (1958) line 4 : for "58-68" read "57-68".
Abstr. 3849 and 3902 (1958) line 2 : for "Heidemann" read "Hiedemann".
Abstr. 3862 (1958) line 3 : for "V.S.Neporent" read "B.S.Neporent".
Abstr. 5497 (1958) line 4 : for "preceding" read "following".
Abstr. 5611 (1958) line 7 : for "Bohn" read "Bohm".
Abstr. 6034 (1958) line 3 : for "185-32" read "185-232".
Abstr. 6055-6 (1958) line 3 : for "N.Van Dang" read "Nguyen Van Dang".
Abstr. 6072 (1958) line 3 : for "G.S.Golytsȳn" read "G.S.Golitsȳn".
Abstr. 6079 (1958) line 9 : after "cylinder" insert "and the sign to be taken depends on the boundary condition assumed."
Abstr. 6109 (1958) line 1 : for "LINED" read "LIVED".
Abstr. 6558 (1958) line 7 : for "beas" read "betas".
Abstr. 6560 (1958) line 4 : for "there" read "three".
Abstr. 6971 (1958) line 3 : for "K.D.Heȳnchuk" read "K.D.Hlȳnchuk".
Abstr. 7506 (1958) line 2 : for "W.J.Johnston" read "W.G.Johnston".
Abstr. 7530 (1958) line 6 : for "cm" read "cm^3".
Abstr. 7832 (1958) line 5 : for "increasing" read "measuring".
line 9 : for "niolar" read "molar".
Abstr. 8311 (1958) line 5 : for "(Abstr. 4101/1957)" read "(Abstr. 4101/1958)".
Abstr. 7621 (1958) the expressions should read:

$$\rho_\pi = -4.826 \times 10^{-15} \times \dot{P}\left(\frac{m}{AC_D}\right) \frac{c^{1/2}}{af(c,e)} \; g/cm^3$$

$$f(c,e) = 1 + 2e + \frac{3e^2}{2} + \frac{1-6e-10.5e^2}{8c} + \frac{9+30e+85.5e^2}{128c^2} + \ldots$$

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English Letters	Languages	Cyrillic Letters	English Letters	Languages	Cyrillic Letters
a	R S B	А а	p	R S B	П п
b	R S B	Б б	r	R S B	Р р
ch	R S B	Ч ч	s	R S B	С с
d	R S B	Д д	sh	R S B	Ш ш
e	R S B	Е е	shch	R	Щ щ
ë	R	Ё ё	sht	B	Щ щ
é	R	Э э	t	R S B	Т т
ê	R B	Ѣ ѣ	t'	R B	Ть ть
f	R S B	Ф ф	t'	S	Ћ ћ
g	R S B	Г г	th	R	Ѳ ѳ
i	R S B	И и	ts	R S B	Ц ц
ī	R	І і	t-s	R S B	ТС тс
ĭ	R B	Й й	u	R S B	У у
j	S	Ј ј	ŭ	B	Ъ ъ
j'	S	Ђ ђ	ū	B	Ѫ ѫ
k	R S B	К к	v	R S B	В в
kh	R S B	Х х	y	S	Ј j
l	R S B	Л л	ȳ	R	Ы ы
l'	R B	Ль ль	y̆	R	Ѵ ѵ
l'	S	Љ љ	ya	R B	Я я
m	R S B	М м	yu	R B	Ю ю
n	R S B	Н н	z	R S B	З з
n'	R B	Нь нь	zh	R S B	Ж ж
n'	S	Њ њ	‘	R	Ъ ъ
o	R S B	О о	’	R B	Ь ь

The use of l', n' and t' in Russian and Bulgarian (where they are not transliterations of a single letter, but merely l, n or t followed by the soft sign) is included to emphasize the fact that they are used for single letters only in Serbian.

Shch and sht invariably represent the letter Щ in Russian and Bulgarian respectively, since the pairs of letters (ШЧ in Russian and ШТ in Bulgarian) seem never to occur consecutively in the respective languages.

The above table is reproduced, by permission, from the pamphlet "The Transliteration of Russian, Serbian and Bulgarian for Bibliographical Purposes" published by The Royal Society, Burlington House, London, W.1 (February, 1953, price 1s. 0d.). It represents the system at present in use in "Science Abstracts" for the transliteration of the names of journals and the names of authors of articles abstracted.

LIST OF JOURNALS

The following list gives the full titles of journals referred to in "Science Abstracts", arranged in alphabetical order of the abbreviated titles used in the abstracts. Every endeavour has been made to ensure that the addresses given are those in use at the time of going to press, but as changes are continually being made no guarantee can be given of the accuracy of every entry.

The appearance of a title in this list does not necessarily imply that the journal is received regularly by "Science Abstracts". Material for abstracting comes from many sources, including borrowed copies of journals and reprints supplied by authors. Furthermore, some of the abstracts are reproduced, by permission, from other abstracting periodicals (as indicated at the foot of the abstract), and in these cases the name of the abstracting organization (from whom further information should be sought) is given in the list in place of the address of the journal, when the latter is not known. Particulars of the abstracting organizations are given at the end of this list.

It should be emphasized that an abstract is only published in "Science Abstracts" when an article or book is believed to be generally available. No abstracts are published of dissertations, reports, or memoranda with limited circulation, unless copies have been deposited with several public libraries and are available from the publishers; nor of papers presented orally at meetings, unless precis of substantial length are published in the normal way. Thus the appearance of an abstract in "Science Abstracts" may generally be taken as an indication that the original is publicly available, and if it cannot be located in a library, application should be made to the publisher, at the address given in this list. In the case of books, the assistance of a bookseller should be sought. The original cannot be obtained from "Science Abstracts", though assistance will gladly be given in cases of special difficulty.

The contractions of journal titles used with the abstracts, while following the general form of those in the "World List of Scientific Periodicals" (3rd ed. London, Butterworths Scientific Publications, 1952), differ from them in some cases, to enable the title of the journal to be recognized more readily. General similarity will be found with the contractions used in "Chemical Abstracts", which have recently been adopted by the journals of the American Institute of Physics. To assist in the interpretation of contracted titles, adjectives are printed with a small initial letter, unless they form part of a proper name.

For the benefit of those who are unfamiliar with the form and purpose of such abstracting periodicals as "Science Abstracts", it may be said that each abstract is a summary of an article (or book) published elsewhere, the title of the article (or its English translation) being given at the beginning of the abstract. The "reference", printed immediately after the title and author, gives the name and date of the journal where the article was printed and the appropriate pages. In general, title, author and reference are usually required for the unambiguous identification of an article (e.g. in a bibliography), though the reference alone is sufficient for the location of the article. For books, the town of publication, the name of the publisher, and the year are given in the reference.

The form of the "reference", giving volume number, issue number, pages and date, will, it is hoped, be self-explanatory. It should be emphasized that the date given refers, in nearly every case, to the "issue" or "number" containing the article abstracted; in some cases, particularly when papers are issued separately, the "volume" when bound may bear a different date. The date given is that recorded on the issue, not the actual date of publication or receipt, unless so stated. When the volume carries no number, the year is given in its place.

If no indication of language is given in the abstract, the article may be assumed to be in English. This does not necessarily hold, however, for abstracts reproduced from other abstracting periodicals giving no indication of language.

A.C.E.C. Rev.
A.C.E.C. Revue. — Ateliers de Constructions Electriques de Charleroi, Avenue Emile Rousseau, Marcinelle-Charleroi, Belgium.

A.E.G. Mitt.
A.E.G. Mitteilungen. — Allgemeine Elektricitäts-Gesellschaft, Hohenzollerndamm 150, Berlin-Grunewald. (A translation of selected articles is published as: A.E.G. Progress).

A.E.G. Progress
A.E.G. Progress. — Allgemeine Elektricitäts-Gesellschaft, Hohenzollerndamm 150, Berlin-Grunewald. (English translations of selected articles from: A.E.G. Mitteilungen).

A.T.E. J.
A.T.E. Journal. — Automatic Telephone and Electric Co., Strowger Works, Liverpool 7.

A.W.A. tech. Rev.
A.W.A. Technical Review. — Amalgamated Wireless Australasia, 554 Parramatta Road, Ashfield, New South Wales.

Abhandl. Braunschw. Wiss. Gesell.
Abhandlungen der Braunschweigischen Wissenschaftlichen Gesellschaft. — Publisher: Friedr. Vieweg, Brunswick.

Abhandl. Dtsch. Akad. Wiss. Berlin, Kl. Math. Phys. Tech.
Abhandlungen der Deutschen Akademie der Wissenschaften, Klasse für Mathematik, Physik und Technik. — Publisher: Akademie-Verlag, Mohrenstrasse 39, Berlin W.8.

Acta chem. Scand.
Acta Chemica Scandinavica. — Ejnar Munksgaard, Nörregade 6, Copenhagen.

Acta cryst.
Acta Crystallographica. — International Union of Crystallography. Publisher: Ejnar Munksgaard, Nörregade 6, Copenhagen. Subscription address: Polycrystal Book Service, G.P.O. Box 620, Brooklyn 1, N.Y.

Acta electronica
Acta Electronica. — 23 Rue du Retrait, Paris 20.

Acta metallurgica
Acta Metallurgica. — P.O. Box 1088, Schenectady, N.Y. Publisher: Pergamon Press (Acta Metallurgica), 122 East 55th Street, New York 22, N.Y.

Acta phys. Austriaca
Acta Physica Austriaca. — Springer-Verlag, Mölkerbastei 5, Vienna I.

Acta phys. Hungar.
Acta Physica Hungarica. — Magyar Tudományos Akadémia Könyvtára, Akadémia-utca 2, Budapest 5. Subscription address: "Kultura" Foreign Trade Company for Books and Newspapers, Népköztársaság útja 21, Budapest 6.

Acta phys. Polon.
Acta Physica Polonica. — Polska Akademia Nauk. Subscription address: PKWZ "Ruch", ul. Wilcza 46, Warsaw.

Acta polytech.
Acta Polytechnica. — Discontinued at the end of 1957 (Issue No. 240), and superseded by: Acta Polytechnica Scandinavica [Acta polytech. Scand.].

Acta Polytechnica Scandinavica. (Formerly: Acta Polytechnica). — Scandinavian Council for Applied Research. Publication address: P.O. Box 5073, Stockholm 5. The monographs in the new sub-series which started in 1958 are numbered as follows: Electrical Engineering, El; Mathematics and Computing Machinery, Ma; Physics, including Nucleonics, Ph.

Acta tech. (Prague)
Acta technica. — Československá Akademie Věd. Publication address: Jindřišská 14, Prague 3.

Acta tech. Hungar.
Acta Technica Academiae Scientiarum Hungaricae. — Magyar Tudományos Akadémia Könyvtára, Akadémia-utca 2, Budapest 5. Subscription address: "Kultura" Foreign Trade Company for Books and Newspapers, Népköztársaság útja 21, Budapest 6.

Acustica
Acustica. — S. Hirzel Verlag, Stuttgart.

Advances in Phys.
Advances in Physics. (Quarterly Supplement of the Philosophical Magazine). — Taylor and Francis, Red Lion Court, Fleet Street, London, E.C.4.

Akust. Beih.
Akustische Beihefte. — Issued as a supplement under the auspices of the international journal Acustica. The pagination is continuous with that of Acustica.

Akust. Zh.
Akusticheskiĭ Zhurnal. — Akademiya Nauk SSSR, Moscow. (A translation is published as: Soviet Physics — Acoustics).

Allis Chalmers elect. Rev.
Allis Chalmers Electrical Review. — Allis Chalmers, Milwaukee 1, Wisconsin.

Alta Frequenza
Alta Frequenza. — Associazione Elettrotecnica Italiana, Via San Paolo 10, Milan.

Amer. J. Phys.
American Journal of Physics. — American Institute of Physics, 335 East 45th Street, New York 17, N.Y.

Amer. Soc. Test. Mater. Bull.
American Society for Testing Materials. Bulletin. — 1916 Race Street, Philadelphia 3, Pennsylvania.

An. Acad. Brasil. Cienc.
Anais da Academia Brasileira de Ciências. — Caixa Postal 229, Rio de Janeiro.

An. Mecan. Elect.
Anales de Mecanica y Electricidad. — Reina 31, Madrid.

An. Real Soc. Espan. Fis. Quim.
Anales de la Real Sociedad Española de Física y Química. Serie A (Física). — Ciudad Universitaria, Madrid.

Analyt. Chem.
Analytical Chemistry. — American Chemical Society, 1155 Sixteenth Street N.W., Washington 6, D.C.

Ann. Acad. Sci. Fennicae
Annales Academiae Scientiarum Fennicae. Series A I (Mathematica); Series A II (Chemica); Series A III (Geologica-Geographica); Series A VI (Physica). — Snellmaninkatu 9-11, Helsinki.

Ann. Acfas
Annales de l'Acfas. — Association Canadienne Française pour l'Avancement des Sciences, Université de Montréal, 2900 Boulevard du Mont Royal, Montreal 26.

Ann. Astrophys.
Annales d'Astrophysique. — Service des Publications du C.N.R.S., 13 Quai Anatole-France, Paris 7.

Ann. Astrophys. Suppl.
Suppléments aux Annales d'Astrophysique. — Service des Publications du C.N.R.S., 13 Quai Anatole-France, Paris 7.

Ann. Fac. Sci. Univ. Toulouse
Annales de la Faculté des Sciences de l'Université de Toulouse. — Published by: Gauthier-Villars, 55 Quai des Grands Augustins, Paris 6.

Ann. Franc. Chronom.
Annales Françaises de Chronometrie. — Observatoire National de Besançon.

Ann. Geofis.
Annali di Geofisica. — Istituto Nazionale di Geofisica, Città Universitaria, Rome.

Ann. Geophys.
Annales de Géophysique. — Service des Publications du C.N.R.S., 13 Quai Anatole-France, Paris 7.

Ann. Inst. Fourier
Annales de l'Institut Fourier. — Place du Doyen Gosse, Grenoble (Isère).

Ann. Inst. Poincare
Annales de l'Institut Henri Poincaré. — 11 Rue Pierre-Curie, Paris 5.

Ann. N.Y. Acad. Sci.
Annals of the New York Academy of Sciences. — 2 East 63rd Street, New York 21, N.Y.

Ann. Phys. (Leipzig)
Annalen der Physik. — J.A. Barth, Salomonstrasse 18 B, Leipzig, C 1.

Ann. Phys. (New York)
Annals of Physics. — Academic Press, 111 Fifth Avenue, New York 3, N.Y.

Ann. Phys. (Paris)
Annales de Physique. — Masson et Cie, 120 Boulevard Saint-Germain, Paris 6.

Ann. Radioelect.
Annales de Radioélectricité. — Compagnie Générale de T.S.F., Centre d'Information et de Documentation, 12 Rue Carducci, Paris 19.

Ann. sci. Ecole Normale Super.
Annales Scientifiques de l'Ecole Normale Supérieure. — Publisher: Gauthier-Villars, 55 Quai des Grands-Augustins, Paris 6.

Ann. Soc. Sci. Bruxelles
Annales de la Société Scientifique de Bruxelles. — 11 Rue des Recollets, Louvain.

Ann. Telecomm.
Annales de Télécommunication. — Centre National d'Études des Télécommunications. Subscription address: Société de la Revue d'Optique, 3 et 5, Boulevard Pasteur, Paris 15.

Ann. Tokyo Astron. Obs.
Annals of the Tokyo Astronomical Observatory. — University of Tokyo, Mitaka, Tokyo.

Ann. Univ. Turku
Annales Universitatis Turkuensis. Ser. A I (Astronomica-Chemica-Physica-Mathematica). — Turun Yliopiston Turku, Finland.

Annu. Fac. Phil. Skopje, Sect. Sci. nat.
Annuaire de la Faculté de Philosophie de l'Université de Skopje, Section des sciences naturelles. — Institut de Physique de l'Université d'Etat, Postanski fah 66, Skopje (Macedonia), Yugoslavia.

Annu. Proc. Assoc. Socs S. Africa
Annual Proceedings of the Associated Scientific and Technical Societies of South Africa. — Kelvin House, Marshall and Holland Streets, P.O. Box 5907, Johannesburg.

Annu. Rep. Sci. Works Fac. Sci. Osaka Univ.
Annual Report of Scientific Works from the Faculty of Science, Osaka University. — Osaka University, Nakanoshima, Osaka.

Appl. Math. Ser. Nat. Bur. Stand.
Applied Mathematics Series, National Bureau of Standards. — U.S. Government Printing Office, Washington 25, D.C.

Appl. sci. Res.
Applied Scientific Research. Section A (Mechanics, Heat, Chemical Engineering, Mathematical Methods); Section B (Electrophysics, Acoustics, Optics, Mathematical Methods). — Martinus Nijhoff, The Hague.

Appl. Spectrosc.
Applied Spectroscopy. — Society for Applied Spectroscopy. Publication address: P.O. Box 1228, 417 Cleveland Avenue, Plainfield, New Jersey.

Applic. and Industr.
Applications and Industry. — Part II of the Transactions of the American Institute of Electrical Engineers [Trans Amer. Inst. Elect. Engrs].

Arch. elekt. Ubertragung
Archiv der elektrischen Übertragung. — S. Hirzel Verlag, Stuttgart.

Arch. Elektrotech. (Berlin)
Archiv für Elektrotechnik. — Springer-Verlag, Reichpietschufer 20, Berlin W. 35; Neuenheimer Landstrasse 28-30, Heidelberg.

Arch. elektrotech. (Warsaw)
Archiwum Elektrotechniki. — Polska Akademia Nauk, Instytut Podstawowych Problemów Techniki. Subscription address: PKWZ "Ruch", ul. Wilcza 46, Warsaw.

Arch. Math. Naturvid.
Archiv for Mathematik og Naturvidenskab. — Faculty of Mathematics and Science, University of Oslo, Blindern, per Oslo.

Arch. Sci. (Geneva)
Archives des Sciences. — Société de Physique et d'Histoire Naturelle de Genève. Publication address: Librairie de l'Université, Georg et Cie, 5 Rue de la Corraterie, Geneva.

Arch. tech. Messen
Archiv für technisches Messen und industrielle Messtechnik. — R. Oldenbourg, Rosenheimer Str. 145, Munich 8.

Ark. Astron.
Arkiv för Astronomi. — Kungliga Svenska Vetenskapsakademien, Stockholm 50. Subscription address: Almqvist and Wiksell, Gamla Brogatan 26, Stockholm.

Ark. Fys.
Arkiv för Fysik. — Kungliga Svenska Vetenskapsakademien, Stockholm 50. Subscription address: Almqvist and Wiksell, Gamla Brogatan 26, Stockholm.

Ark. Geofys.
Arkiv för Geofysik. — Kungliga Svenska Vetenskapsakademien, Stockholm 50. Subscription address: Almqvist and Wiksell, Gamla Brogatan 26, Stockholm.

Ark. Kemi
Arkiv för Kemi. — Kungliga Svenska Vetenskapsakademien, Stockholm 50. Subscription address: Almqvist and Wiksell, Gamla Brogatan 26, Stockholm.

Ark. Mat.
Arkiv för Matematik. — Kungliga Svenska Vetenskapsakademien, Stockholm 50. Subscription address: Almqvist and Wiksell, Gamla Brogatan 26, Stockholm.

Ark. Mineral.
Arkiv för Mineralogi och Geologi. — Kungliga Svenska Vetenskapsakademien, Stockholm 50. Subscription address: Almqvist and Wiksell, Gamla Brogatan 26, Stockholm.

Asea J.
Asea Journal. — Allmanna Svenska Elektriska AB, Västerås; Fuller Electric Ltd, Fulbourne Road, London, E.17.

Astron. J.
Astronomical Journal. — American Astronomical Society. Publication address: Box 2023 Yale Station, New Haven, Connecticut.

Astron. Zh.
Astronomicheskii Zhurnal. — "Akademkniga", ul. Kuibysheva 8, Moscow.

Astrophys. J.
Astrophysical Journal. — University of Chicago Press, 5750 Ellis Avenue, Chicago 37, Illinois.

Astrophys. Norveg.
Astrophysica Norvegica. — Institute of Theoretical Astrophysics, University of Oslo, Blindern, per Oslo. Subscription address: H. Aschehoug (W. Nygaard), Oslo.

Atom u. Strom
Atom und Strom. — Issued as inset in: Elektrizitätswirtschaft.

Atomic Energy Res. Establ. (Harwell), Inf. Bibl.; Lecture; Mem.; Rep.; Transl.
Atomic Energy Research Establishment (Harwell), Information; Bibliography; Lecture; Memorandum; Report; Translation. — H.M. Stationery Office, Kingsway, London, W.C.2.

Atomic Wld
Atomic World. (Formerly: Atomics and Nuclear Energy). — Leonard Hill Ltd, Eden Street, London, N.W.1.

Atomics (London)
Atomics and Nuclear Energy. — Title changed to: Atomic World [Atomic Wld].

Atomkernenergie
Atomkernenergie. — Verlag Karl Thiemig, Pilgersheimerstrasse 38, Munich 9.

Atomkraftwerk
Das Atomkraftwerk. — Supplement to: Österreichische Zeitschrift für Elektrizitätswirtschaft [Osterr. Z. ElektWirtsch.].

Atomnaya Énergiya
Atomnaya Énergiya. — Akademiya Nauk SSSR, Cherkasskiĭ per., 2, Moscow. (English translations of selected papers, and English abstracts of the remaining papers, are published as Part II of Journal of Nuclear Energy [J. nuclear Energy]).

Atti Accad. Sci. Torino
Atti dell' Accademia delle Scienze di Torino. I. Classe di Scienze Fisiche, Matematiche e Naturali. — Via Accademia delle Scienze 6; Via Maria Vittoria 3, Turin (208).

Atti Fond. Ronchi
Atti della Fondazione Giorgio Ronchi e Contributi dell' Istituto Nazionale di Ottica. — Via S. Leonardo 79, Arcetri-Firenze, Italy.

Atti Soc. Peloritana Sci. Fis. Mat. Nat.
Atti della Società Peloritana di Scienze Fisiche Matematiche e Naturali. — Università di Messina, Messina.

Austral. J. appl. Sci.
Australian Journal of Applied Science. — Commonwealth Scientific and Industrial Research Organization, 314 Albert Street, East Melbourne, C.2, Victoria.

Austral. J. Phys.
Australian Journal of Physics. — Commonwealth Scientific and Industrial Research Organization, 314 Albert Street, East Melbourne, C.2, Victoria.

Austral. J. Sci.
Australian Journal of Science. — Australian and New Zealand Association for the Advancement of Science, Science House, 157 Gloucester Street, Sydney.

Automat. Elect. tech. J.
Automatic Electric Technical Journal. — Title changed to: General Telephone Technical Journal [Gen. Teleph. tech. J.].

Automatica si Electronica
Automatica si Electronica. — Editorial address: Str. Ion Ghica 3, Bucarest. Administration address: Calea Victoriei 118, Bucarest.

Avhandlingar utgitt av Det Norske Videnskaps-Akademi i Oslo. I. Matematisk-Naturvidenskaplige Klasse.
— Faculty of Mathematics and Science, University of Oslo, Blindern, per Oslo.

Avtomat. i Telemekh.
Avtomatika i Telemekhanika. — Akademiya Nauk SSSR, Moscow.

B.B.C. Engng Monogr.
B.B.C. Engineering Division Monographs. — British Broadcasting Corporation Publications, 35 Marylebone High Street, London, W.1.

B.T.-H. Activ.
B.T.-H. Activities. — British Thomson-Houston Company, Rugby.

B.T.-H. Res. Lab. Publ.
British Thomson-Houston Research Laboratory Publication. — British Thomson-Houston Company, Rugby.

B.T.-H. tech. Monogr.
British Thomson-Houston Technical Monograph. — British Thomson-Houston Company, Rugby.

Beama J.
Beama Journal. — British Electrical and Allied Manufacturers' Association, 36 Kingsway, London, W.C.2.

Bell Lab. Record
Bell Laboratories Record. — Bell Telephone Laboratories, 463 West Street, New York 14, N.Y.

Bell Syst. tech. J.
Bell System Technical Journal. — American Telephone and Telegraph Co., 195 Broadway, New York 7, N.Y.

Bol. Fac. Ingen. Montevideo
Boletin de la Facultad de Ingenieria y Agrimensura de Montevideo. — Herrera y Reissig 565, Montevideo.

Brennstoff-Wärme-Kraft (B.W.K.)
BWK. Brennstoff-Wärme-Kraft. — VDI-Verlag, Düsseldorf. Publisher: Springer-Verlag, Berlin-Göttingen-Heidelberg.

Brit. Commun. and Electronics
British Communications and Electronics. — Heywood and Co., Drury House, Russell Street, London, W.C.2.

Brit. J. appl. Phys.
British Journal of Applied Physics. — Institute of Physics, 47 Belgrave Square, London, S.W.1.

Brit. J. Radiol.
British Journal of Radiology. — British Institute of Radiology, 32 Welbeck Street, London, W.1.

Brit. Kinematogr.
British Kinematography. — British Kinematograph Society, 164 Shaftesbury Avenue, London, W.C.2.

Brit. Stand.
British Standards. — British Standards Institution, 2, Park Street, London, W.1.

Brit. Weld. J.
British Welding Journal. — Institute of Welding, 54 Princes Gate, London, S.W.7; British Welding Research Association, 29 Park Crescent, London, W.1.

Brown Boveri Rev.
Brown Boveri Review. — Brown Boveri and Company, Baden, Switzerland; 75 Victoria Street, London, S.W.1.

Bul. Inst. Politeh. Iasi
Buletinul Institutului Politehnic din Iasi (Serie Nouă). — Polytechnical Institute, Jassy.

Bull. Acad. Polon. Sci. Ser. Sci. math. astron. phys.
Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Mathématiques, Astronomiques et Physiques. — Polish Academy of Sciences, Distribution Centre for Scientific Publications, Pałac Kultury i Nauki, Warsaw.

Bull. Acad. Polon. Sci. Sér. Sci. tech.
Bulletin de l'Académie Polonaise des Sciences. Séries des Sciences Techniques. — Polish Academy of Sciences, Distribution Centre for Scientific Publications, Pałac Kultury i Nauki, Warsaw.

Bull. Acad. Roy. Belgique Cl. Sci.
Bulletin de la Classe des Sciences de l'Académie Royale de Belgique. — Palais des Académies, rue Ducale 1, Brussels.

Bull. Amer. Meteorol. Soc.
Bulletin of the American Meteorological Society. — 3 Joy St., Boston 8, Massachusetts.

Bull. Assoc. Suisse Elect.
Bulletin de l'Association Suisse des Electriciens. (Organe commun de l'Association Suisse des Electriciens [ASE] et de l'Union des Centrales Suisse d'Electricité [UCS]). — Seefeldstrasse 301, Zürich 8.

Bull. astron. (Paris)
Bulletin Astronomique. — L'Observatoire de Paris, 61 Avenue de l'Observatoire, Paris 14. Publisher: Gauthier-Villars, 55 Quai des Grands-Augustins, Paris 6.

Bull. Calcutta Math. Soc.
Bulletin of the Calcutta Mathematical Society. — 92 Upper Circular Road, Calcutta 9.

Bull. elect. Engng Educ.
Bulletin of Electrical Engineering Education. — Manchester College of Science and Technology, Manchester 1.

Bull. Electrotech. Lab. (Tokyo)
Bulletin of the Electrotechnical Laboratory. — 2-chome, Nagata-cho, Chiyoda-ku, Tokyo.

Bull. Engng Res. Inst. Kyoto Univ.
Bulletin of the Engineering Research Institute of Kyoto University. — Kyoto.

Bull. Fac. Engng Yokohama Nat. Univ.
Bulletin of the Faculty of Engineering of Yokohama National University. — Ohka-Machi, Minami-Ku, Yokohama.

Bull. Inst. Chem. Res. Kyoto Univ.
Bulletin of the Institute of Chemical Research of Kyoto University. — Kyoto.

Bull. Inst. Internat. Froid
Bulletin de l'Institut International du Froid (French/English Edition). — 177 Boulevard Malesherbes, Paris 17.

Bull. Inst. Metals
Bulletin of the Institute of Metals. — Issued as inset in the Journal of the Institute of Metals [J. Inst. Metals].

Bull. Inst. Nuclear Sci. "Boris Kidrich"
Bulletin of the Institute of Nuclear Sciences "Boris Kidrich". — P.O. Box 522, Belgrade.

Bull. Internat. Rly Congr. Assoc.
Monthly Bulletin of the International Railway Congress Association [English edition]. — 19 rue du Beau-Site, Brussels.

Bull. Nat. Inst. Sci. India
Bulletin of the National Institute of Sciences of India. — Mathura Road, New Delhi.

Bull. Oerlikon
Bulletin Oerlikon. — Oerlikon Engineering Company, Zürich 50; Oerlikon Ltd., Victoria House, Southampton Row, London, W.C.1.

Bull. Res. Coun. Israel
Bulletin of the Research Council of Israel. Section A (Chemistry); Section C (Technology); Section F (Mathematics and Physics). — Publisher: The Weizmann Science Press of Israel, P.O.B. 801, Jerusalem.

Bull. Sci. Assoc. Ingen. Montefiore [A.I.M.]
Bulletin Scientifique de l'Association des Ingénieurs Electriciens sortis de l'Institut Electrotechnique Montefiore. — 31 Rue Saint Gilles, Liège.

Bull. sci. Cons. Acad. Yougoslavie
Bulletin Scientifique, Conseil des Académies de la R.P.F. Yougoslavie. — 1 Kukovicéva, Zagreb 1.

Bull. Soc. Belge Elect.
Bulletin de la Société Belge des Electriciens. — 1 Place du Trône, Brussels.

Bull. Soc. Chim. France
Bulletin de la Société Chimique de France. — Publisher: Masson et Cie, 120 Boulevard Saint-Germain. Paris 6.

Bull. Soc. Franc. Elect.
Bulletin de la Société Française des Electriciens. — 8-14 Avenue Pierre-Larousse, Malakoff (Seine).

Bull. Soc. Franc. Mineral. Crist.
Bulletin de la Société Française de Minéralogie et de Cristallographie. — Publisher: Masson et Cie, 120 Boulevard Saint-Germain, Paris 6.

Bull. Soc. Roy. Sci. Liege
Bulletin de la Société Royale des Sciences de Liège. — L'Université, 7 Place du 20 Août, Liège.

Bull. Tech. Univ. Istanbul
Bulletin of the Technical University of Istanbul (Istanbul Teknik Üniversitesi Bülteni). — Gümüssuyu, Istanbul. Formerly listed under the Turkish title: Istanbul Teknik Üniversitesi Bülteni [Istanbul Tek. Univ. Bült.].

Bull. Un. Exploit. Elect. Belgique
Bulletin Bimestriel de l'Union des Exploitations Electriques en Belgique. — 7 Cantersteen, Galerie Ravenstein 4, Brussels.

C.E.G. Ber.
CEG Berichte. — Title changed to: CEIG Berichte [C.E.I.G. Ber.]

C.E.I.G. Ber.
CEIG Berichte. — Continental-Elektroindustrie, Jacobistrasse 3-5, Düsseldorf.

C.R. Acad. Bulg. Sci.
Comptes Rendus de l'Académie Bulgare des Sciences (Sciences Mathématiques et Naturelles). — Rue 7 Novembre, Sofia 1.

C.R. Acad. Sci. (Paris)
Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences. — 23 Quai de Conti, Paris 6. Publisher: Gauthier-Villars, Quai des Grands Augustins 55, Paris 6.

Cables et Transm.
Cables et Transmission. — SOTELEC, 16 rue de la Baume, Paris 8.

Cahiers de Phys.
Cahiers de Physique. — Editions Revue d'Optique, 165 Rue de Sèvres; 3 et 5 Boulevard Pasteur, Paris 15.

Canad. J. Chem.
Canadian Journal of Chemistry. — Division of Administration and Awards, National Research Council of Canada, Ottawa 2.

Canad. J. Math.
Canadian Journal of Mathematics (Journal Canadien de Mathématiques). — University of Toronto, Toronto.

Canad. J. Phys.
Canadian Journal of Physics. — Division of Administration and Awards, National Research Council of Canada, Ottawa 2.

Canad. Stand.
Canadian Standards Association Quarterly Bulletin. — 235 Montreal Road, Ottawa 2.

Cathode Press
Cathode Press. — Machlett Laboratories, Springdale, Connecticut.

Chalmers Tekn. Högsk. Handl.
Chalmers Tekniska Högskolas Handlingar (Transactions of Chalmers University of Technology). — Gothenburg.

Chem. Engng Sci.
Chemical Engineering Science. — Pergamon Press, 4 and 5 Fitzroy Square, London, W.1.

Chem. and Industr.
Chemistry and Industry. — Society of Chemical Industry, 14 Belgrave Square, London, S.W.1.

Cienc. e Invest.
Ciencia e Investigacion. — Avda R. Saenz Peña 555, Buenos Aires.

Cienc. y Tec.
Ciencia y Tecnica. — Centro Estudiantes de Ingenieria "La Linea Recta", Paseo Colon 850, Buenos Aires.

Ciencia (Mexico)
Ciencia. — Apartado Postal 21033, Mexico 1, D.F.

Circ. Electrotech. Lab. [Tokyo]
Circulars of the Electrotechnical Laboratory. — 2-chome, Nagata-cho, Chiyoda-ku, Tokyo.

Circ. Nat. Bur. Stand.
Circular of the National Bureau of Standards. Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C.

Cirk. TelegrStyr. Tekn. Byrå (Stockholm)
Cirkulär från Telestyrelsens Tekniska Byrå, Stockholm.

Comment. phys.-math. (Helsinki)
Commentationes Physico-Mathematicae. — Societas Scientiarum Fennicae, Helsinki.

Commun. Dublin Inst. Advanced Stud.
Communications of the Dublin Institute for Advanced Studies, Series A. — 64-65 Merrion Square, Dublin.

Commun. and Electronics
Communications and Electronics. Part I of the Transactions of the American Institute of Electrical Engineers [Trans Amer. Inst. Elect. Engrs].

Conf. Internat. Grands Reseaux Elect. (CIGRE)
Conference Internationale des Grands Réseaux Electriques. — 112 Boulevard Haussmann, Paris.

Control
Control. — Rowse Muir Publications, 3 Percy Street, London, W.1.

Control Engng
Control Engineering. — McGraw-Hill Publishing Company, 330 West 42nd Street, New York 36, N.Y.

Co-op. elect. Res.
Co-operative Electrical Research. — Electrical Research Association, Thorncroft Manor, Leatherhead, Surrey.

Curr. Sci.
Current Science. — Current Science Association, Bangalore 3.

Czech. J. Phys.
Czechoslovak Journal of Physics. — Czechoslovak Academy of Sciences. Publication address: Jindřišská 14, Prague 3.

Dædalus
Dædalus (Proceedings of the American Academy of Arts and Sciences). — Wesleyan University Press, 356 Washington Street, Middletown, Connecticut.

Direct Curr.
Direct Current. — Garraway Ltd., 11 Kensington Church Street, London, W.8.

Disc. Faraday Soc.
Discussions of the Faraday Society. — 6 Gray's Inn Square, London, W.C.1. Publisher: Aberdeen University Press, 6 Upper Kirkgate, Aberdeen.

Dissert. E.T.H. Zürich
Dissertation. Eidgenössische Technische Hochschule. — Leonhardstrasse 33, Zürich.

Dokl. Akad. Nauk SSSR
Doklady Akademii Nauk SSSR. — [A translation of the "Physics Section" is published as "Soviet Physics — Doklady"].

Doshisha Engng Rev.
Doshisha Engineering Review (Doshisha Kogaku Kaishi).

— Doshisha Kogaku-kai (Engineering Association), Doshisha University, Kyoto.

Dtsch. Elektrotech.
Deutsche Elektrotechnik. — V.E.B. Verlag Technik, Unter den Linden 12, Berlin, N.W.7.

Dyna
Dyna. — La Asociation Nacional de Ingenieros Industriales de España. Navarra 1-1°, Bilbao.

E.B.U. Rev. A
E.B.U. Review, Part A (Technical). — Technical Centre of the European Broadcasting Union, 4 Rue de la Vallée Brussels.

E.R.A. (Stockholm)
E.R.A. Föreningen för Elektricitetens Rationella Användning. — Drottninggatan 90B, Stockholm 3.

E.T.J. Japan
Electrotechnical Journal of Japan. — Institute of Electrical Engineers of Japan (Denki-Gakkai), Yuraku-cho, Chiyoda-ku, Tokyo. (The oversea English-language edition (selected and abridged) of the Journal of the Institute of Electrical Engineers of Japan [J. Inst. Elect. Engrs Japan], published monthly in Japanese).

Elect. Commun.
Electrical Communication. — International Telephone and Telegraph Corporation, 67 Broad Street, New York 4, N.Y.

Elect. Energy
Electrical Energy. — Morgan Brothers, 28 Essex Street, Strand, London, W.C.2.

Elect. Engng
Electrical Engineering. — American Institute of Electrical Engineers, 33 West 39th Street, New York 18, N.Y.

Elect. Engr (Melbourne)
Electrical Engineer. — Tait Publishing Co. Pty, 349 Collins Street, Melbourne; and 4a Bloomsbury Square, London, W.C.1.

Elect. J.
Electrical Journal. — Bouverie House, 154 Fleet Street, London, E.C.4.

Elect. Light Pwr
Electric Light and Power. — Haywood Publishing Co., 6 N. Michigan Ave., Chicago 2, Illinois.

Elect. Manuf.
Electrical Manufacturer. — Techniview Publications, 125 Oxford Street, London, W.1.

Elect. Manufng
Electrical Manufacturing. — Gage Publishing Company, 1250 Sixth Avenue, New York 20, N.Y.

Elect. Rev.
Electrical Review. — Dorset House, Stamford Street, London, S.E.1.

Elect. Technol., U.S.S.R.
Electric Technology, U.S.S.R. — Pergamon Press, 4 and 5, Fitzroy Square, London, W.1; 122 East 55th Street, New York 22, N.Y. (A translation of selected papers from the Russian journal Élektrichestvo).

Elect. Times
Electrical Times. — Sardinia House, Sardinia Street, London, W.C.2.

Elect. Traction Rlys (Internat. Rly Congr. Assoc.)
Electric Traction on the Railways. Bulletin of the International Railway Congress Association. (English Edition). — 19 rue du Beau-Site, Brussels.

Elect. Wld
Electrical World. — McGraw-Hill Publishing Co., 330 West 42nd St., New York 36, N.Y.; McGraw-Hill House, 95 Farringdon Street, London, E.C.4.

Electricien
L'Electricien. — 92 Rue Bonaparte, Paris 6.

Electronic Applic. Bull.
Electronic Application Bulletin. — N.V. Philips' Gloeilampenfabrieken, Eindhoven.

Electronic Engng
Electronic Engineering. — Morgan Brothers, 28 Essex Street, Strand, London, W.C.2.

Electronic Industr.
Electronic Industries and Tele-tech. — Chestnut and 56th Streets, Philadelphia 39, Pennsylvania.

Electronic Radio Engr
Electronic and Radio Engineer. — Iliffe and Sons, Dorset House, Stamford Street, London, S.E.1.

Electronica
Electronica. — Kalverstraat 35, Amsterdam C.

Electronics
Electronics. — McGraw-Hill Publishing Co., 330 West 42nd Street, New York 36, N.Y.; McGraw-Hill House, 95 Farringdon Street, London, E.C.4.

Electrotechniek
Electrotechniek. — Moorman's Periodieke Pers, The Hague.

Electrotechnics
Electrotechnics. — Indian Institute of Science, Bangalore 3.

Electrotehnica
Electrotehnica. — Editorial address: Str. Ion Ghica 5, Bucarest. Administration address: Calea Victoriei 118, Bucarest.

Elekt. Bahnen
Elektrische Bahnen. — R.Oldenbourg, Rosenheimer Strasse 145, Munich 8.

Elekt. Stantsii
Élektricheskie Stantsii. — Publisher: Gosénergoizdat, Shlyuzovaya naberezhnaya 10, Moscow.

Elektrichestvo
Élektrichestvo. — 2, B.Cherkasskiĭ per., Moscow K-12. A translation of selected papers is published as: Electric Technology, U.S.S.R. [Elect. Technol., U.S.S.R.].

Elektrizitätsverwertung
Elektrizitätsverwertung (L'Electrique — Electrical Service). — Elektrowirtschaft, Victoriahaus, Bahnhofplatz 9, Zürich 23.

Elektrizitätswirtschaft
Elektrizitätswirtschaft. — V.D.E.W., Bockenheimer Landstrasse 109, Frankfurt am Main.

Elektron. Rdsch.
Elektronische Rundschau. — Eichborndamm 141-167, Berlin-Borsigwalde.

Elektronik
Elektronik. — Franzis-Verlag, Karlstrasse 35, Munich 2.

Elektrotech. u. Maschinenbau (E.u.M.)
Elektrotechnik und Maschinenbau. — Elektrotechnischer Verein Österreichs, Eschenbachgasse 9, Vienna I. Publisher: Springer-Verlag, Mölkerbastei 5, Vienna I.

Elektrotech. Obzor
Elektrotechnicky Obzor. — Krakovská u. č 8, Prague 2.

Elektrotech. Z. (E.T.Z.)
Elektrotechnische Zeitschrift. Ausgabe A: Zentralblatt für Elektrotechnik. Ausgabe B: Der Elektrotechniker. — Verband Deutscher Elektrotechniker. Publication address: V.D.E.-Verlag, Bismarckstrasse 33, Berlin-Charlottenburg 2.

Elektrotechnika
Elektrotechnika. — Bajcsy-Zsilinszky-út, 22, Budapest 5.

Elektroteh. Vestnik
Elektrotehniski Vestnik. — Fakulteta za elektrotehniko, Aškerčeva 9, Ljubljana.

Elektrotek. T.
Elektroteknisk Tidsskrift. — Norske Elektrisitetsverkers Forening, Rosenborggt 19, Oslo.

Elektroteknikeren
Elektroteknikeren. — Landskronagade 70, Copenhagen ϕ.

Elektrowärme
Elektrowärme. — Issued as inset in: Österreichische Zeitschrift für Elektrizitätswirtschaft [Osterr. Z. ElektWirtsch. (O.Z.E.)].

Elettrotecnica
Elettrotecnica. — Associazione Elettrotecnica Italiana, Via S. Paolo 10, Milan.

Elin-Z.
Elin-Zeitschrift. — Volksgartenstrasse 3, Vienna I.

Elteknik
Elteknik. — Svenska Elektroingenjörers Riksförening, Brunkebergstorg 20, Stockholm.

Energetica (Bucarest)
Energetica. — Editorial address: Str. Ion Ghica 5, Bucarest. Administration address: Calea Victoriei 118, Bucarest.

Energetik
Énergetik. — 2, B. Cherkasskiĭ per., Moscow K-12.

Energetika (Prague)
Energetika. — Spálená ul 51, Prague 2.

Energetyka (Poland)
Energetyka. — PUPK "Ruch", ul 15 Grudnia 10, Katowice.

Energia elett.
Energia Elettrica. — Via Revere 14, Milan.

Energia nucleare
Energia Nucleare. — Via Serbelloni 1, Milan.

Engineer
Engineer. — Morgan Brothers, 28 Essex Street, London, W.C.2.

Engineering (London)
Engineering. — 35-36 Bedford Street, London, W.C.2.

Engl. Elect. J.
English Electric Journal. — English Electric Co., Stafford.

Engng Bull. (Siemens)
Siemens Engineering Bulletin. — Replaced by: Siemens

Edison Swan Journal [Siemens Edison Swan J.].

Engng J.
Engineering Journal. — Engineering Institute of Canada, 2050 Mansfield Street, Montreal 2.

Entwicklungsber. Siemens and Halske
Entwicklungsberichte der Siemens and Halske Aktiengesellschaft. — Berlin-Siemensstadt.

Ericsson Rev.
Ericsson Review. — L.M. Ericsson, Stockholm 32. (Published in four editions, Swedish, English, German and Spanish. The contents and pagination of all these editions are identical).

Ericsson Tech.
Ericsson Technics. — L.M. Ericsson, Stockholm 32.

Exper. Tech. der Phys.
Experimentelle Technik der Physik. — V.E.B. Deutscher Verlag der Wissenschaften, Niederwallstrasse 39, Berlin, W.8. Foreign orders to: Deutsche Buch-Export und -Import, Leninstrasse 16, Leipzig, C.1.

Experientia
Experientia. — Birkhäuser Verlag, Elisabethenstrasse 19, Basel 10.

F. und G. Rdsch.
F. und G. Rundschau. — Felten und Guilleaume Carlswerk, Cologne-Mülheim.

Fernmelde-Ingenieur
Fernmelde-Ingenieur. — Verlag für Wissenschaft und Leben, Georg Heidecker, Külsheimer Strasse 11, Windsheim (Mittelfr.).

Fiz. Metallov i Metallovedenie
Fizika Metallov i Metallovedenie. — Izdatel'stvo Akademiĭ Nauk SSSR, Sverdlovsk.
A translation is published as: Physics of Metals and Metallography [Phys. Metals and Metallography (U.S.S.R.)].

Fortschr. Phys.
Fortschritte der Physik. — Publication addresses: Akademie-Verlag, Mohrenstrasse 39, Berlin, W.8; Kunst und Wissen, Hospitalstrasse 33a, Stuttgart-N. Foreign orders to: Deutschen Buch-Export und -Import, Postschliessfach 276, Leipzig, C.1.

Forschungsber. Wirtsch-Verkehrsmin. Nordrhein-Westfalen.
Forschungsberichte des Wirtschafts- und Verkehrsministeriums Nordrhein-Westfalen. — Westdeutscher Verlag, Cologne and Opladen.

Frequenz
Frequenz. — Fachverlag Schiele und Schön, Boppstrasse 10, Berlin, S.W.61.

G.E.C. atomic Energy Rev.
G.E.C. Atomic Energy Review. — General Electric Co. Ltd., Magnet House, Kingsway, London, W.C.2.

G.E.C. J.
G.E.C. Journal. — General Electric Co. Ltd., Magnet House, Kingsway, London, W.C.2.

G.E.C. Telecomm.
G.E.C. Telecommunications. — General Electric Co. Ltd., Telephone, Radio and Television Works, Coventry.

Gaz. Mat. (Lisbon)
Gazeta de Matemática. — Av. João Crisostomo, 4, 7°.-D, Lisbon.

Gen. Elect. Rev.
General Electric Review. — General Electric Company, Schenectady 5, N.Y.

Gen. Teleph. tech. J.
General Telephone Technical Journal. — General Telephone Laboratories, Northlake, Illinois. (Formerly: Automatic Electric Technical Journal).

Geofys. Publ.
Geofysiske Publikasjoner. Geophysica Norvegica. — Norske Videnskaps-Akademi i Oslo. Publication address: H. Aschehoug (W. Nygaard), Oslo.

Geophys. J.
Geophysical Journal of the Royal Astronomical Society. — Burlington House, London, W.1. (Incorporates the Geophysical Supplement to the Monthly Notices of the Royal Astronomical Society).

Geophys. Mem. Meteorol. Off.(London)
Geophysical Memoirs. Meteorological Office (Air Ministry). — H.M. Stationery Office, Kingsway, London, W.C.2.

Geophysics
Geophysics. — Society of Exploration Geophysicists, Box 1536, Tulsa 1, Oklahoma.

Gidrotekh. Stroit.
Gidrotekhnicheskoe Stroitelstvo. — Moscow.

Glasers Ann.
Glasers Annalen. — Georg Siemens, Nollendorfstr. 28, Berlin W.30.

Handb. Nat. Bur. Stand.
Handbook of the National Bureau of Standards. — U.S. Government Printing Office, Washington 25, D.C.

Helv. phys. Acta
Helvetica Physica Acta. — Schweizerische Physikalische Gesellschaft. Publisher: E. Birkhäuser, Elisabethenstrasse 15, Basel 10.

Hewlett-Packard J.
Hewlett-Packard Journal. — Hewlett-Packard Company, 275 Page Mill Road, Palo Alto, California.

Hochfrequenztech. u. ElektAkust.
Hochfrequenztechnik und Elektroakustik. — Akademische Verlagsgesellschaft Geest und Portig K.-G., Sternwartenstrasse 8, Leipzig, C.1.

Houille blanche
La Houille Blanche. — Post Box 41, Grenoble (Isère).

I.B.M. J. Res. Developm.
I.B.M. Journal of Research and Development. — International Business Machines Corporation, 590 Madison Avenue, New York 22, N.Y.

I.R.E. Nat. Convention Record
I.R.E. National Convention Record. — Institute of Radio Engineers, 1 East 79th Street, New York 21, N.Y.

I.R.E. Trans
Institute of Radio Engineers Transactions (Papers published by individual Professional Groups of the Institute). — 1 East 79th Street, New York 21, N.Y.

I.R.E. WESCON Convention Record
I.R.E. WESCON Convention Record. — Institute of Radio Engineers, 1 East 79th Street, New York 21, N.Y.

I.S.A. J.
I.S.A. Journal. — Instrument Society of America, Granite Building, 313 Sixth Avenue, Pittsburgh 22, Philadelphia.

I.V.A. (Stockholm)
I.V.A. Tidskrift for Teknisk-Vetenskaplig Forskning. — Title changed to: T.V.F. Teknisk-Vetenskaplig Forskning [Tekn.-vetensk. Forskn. (TVF)].

Illum. Engng
Illuminating Engineering Society. — Publication address: 32nd Street and Elm Avenue, Baltimore 11, Maryland.

Indian east Engr
Indian and Eastern Engineer. — Iliffe and Sons Ltd, Dorset House, Stamford Street, London, S.E.1; "Sohrab House", 235 Dr. D. Naoroji Road, Bombay 1.

Indian J. Meteorol. Geophys.
Indian Journal of Meteorology and Geophysics. — India Meteorological Department. Publication address: Civil Lines, Delhi-8.

Indian J. Phys.
Indian Journal of Physics and Proceedings of the Indian Association for the Cultivation of Science. — 2 and 3 Lady Willingdon Road, Calcutta 32, West Bengal, India.

Indian J. theor. Phys.
Indian Journal of Theoretical Physics. — Institute of Theoretical Physics, 18 Ramkanta Bose Street, Calcutta 3.

Industr. engng Chem.
Industrial and Engineering Chemistry. — American Chemical Society, 1155 Sixteenth Street, N.W., Washington 6, D.C.

Industr. Ital. elettrotec.
Industria Italiana Elettrotecnica. — Associazione Nazionale Industrie Elettrotechniche, Via Donizetti 30, Milan.

Information and Control
Information and Control. — Academic Press, 111 Fifth Avenue, New York 3, N.Y.

Ingegn. Ferroviaria
Ingegneria Ferroviaria. — Piazza Croce Rossa, Rome.

Ingegnere
L'Ingegnere. — Associazione Nazionale Ingegneri ed Architetti Italiani, Via Civinini 37, Rome.

Ingenieur
De Ingenieur. — Koninklijk Instituut van Ingenieurs. Editorial address: 23, Prinsessegracht, The Hague.

Ingeniøren
Ingeniøren. Edition A (weekly), Edition B (twice a month), Edition C (international). — Engineering House, 27-31 V. Farimagsgade, Copenhagen V.

IngenVetenskAkad. Handl.
Ingeniörsvetenskapsakademien Handlingar. — Grevturegatan 14, Stockholm 5.

IngenVetenskAkad. Medd.
Ingeniörsvetenskapsakademien Meddelanden. — Grevturegatan 14, Stockholm 5.

Instrumentation
Instrumentation. — Minneapolis-Honeywell Regulator Co., Brown Instruments Division, Wayne and Windrim Avenues,

Philadelphia 44, Pennsylvania; Honeywell Controls, Ruislip Road, East Greenford, Middlesex.

Instruments
Instruments and Automation. — 845 Ridge Avenue, Pittsburgh 12, Pennsylvania.

Internat. J. appl. Radiation and Isotopes
International Journal of Applied Radiation and Isotopes. — Pergamon Press, 4 and 5 Fitzroy Square, London, W.1; 122 East 55th Street, New York 22, N.Y.

Istanbul Tek. Univ. Bült.
Istanbul Teknik Üniversitesi Bülteni. — Now listed under the English title: Bulletin of the Technical University of Istanbul [Bull. Tech. Univ. Istanbul].

Izv. Akad. Nauk SSSR, Otdel. tekh. Nauk
Izvestiya Akademii Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. — Moscow.

Izv. Akad. Nauk SSSR, Ser. fiz.
Izvestiya Akademii Nauk SSSR. Seriya Fizicheskaya. — Moscow. Editorial address: 21 Podsosenskiĭ per., Moscow B-64.

Izv. Bulg. Akad. Nauk
Izvestiya Bulgarskata Akademia na Naukite. Otdelenie za Fiziko-matematicheski i Tekhnicheski Nauki. — Rue 7 Novembre, Sofia 1.

J. Acoust. Soc. Amer.
Journal of the Acoustical Society of America. — American Institute of Physics, 335 East 45th Street, New York 17, N.Y.

J. Amer. Chem. Soc.
Journal of the American Chemical Society. — 1155 Sixteenth Street, N.W., Washington 6, D.C.

J. appl. Phys.
Journal of Applied Physics. — American Institute of Physics, 335 East 45th Street, New York 17, N.Y.

J. atmos. terrest. Phys.
Journal of Atmospheric and Terrestrial Physics. — Pergamon Press, 4 and 5 Fitzroy Square, London, W.1; 122 East 55th Street, New York 22, N.Y.; 24 rue des Ecoles, Paris 5.

J. Audio Engng Soc.
Journal of the Audio Engineering Society. — Publication address: P.O. Box 12, Old Chelsea Station, New York 11, N.Y.

J. Brit. Astron. Assoc.
Journal of the British Astronomical Association. — 303 Bath Road, Hounslow West, Middlesex.

J. Brit. Instn Radio Engrs
Journal of the British Institution of Radio Engineers. — 9 Bedford Square, London, W.C.1.

J. Brit. Nuclear Energy Conf.
Journal of the British Nuclear Energy Conference. — 1-7 Great George Street, London, S.W.1. [Constituent bodies: The Institution of Civil Engineers; The Institution of Mechanical Engineers; The Institution of Electrical Engineers; The Institute of Physics; The Institution of Chemical Engineers; The Iron and Steel Institute; The Institute of Metals; The Institute of Fuel; The Joint Panel on Nuclear Marine Propulsion].

J. chem. Phys.
Journal of Chemical Physics. — American Institute of Physics, 335 East 45th Street, New York 17, N.Y.

J. Chem. Soc.
Journal of the Chemical Society. — Burlington House, London, W.1.

J. Chim. phys.
Journal de Chimie Physique et de Physico-Chimie Biologique. — Ecole Nationale Supérieure de Chimie, 11 rue Pierre Curie, Paris 5.

J. Colloid Sci.
Journal of Colloid Science. — Academic Press, 111 Fifth Avenue, New York 3, N.Y.

J. Electrochem. Soc.
Journal of the Electrochemical Society. — 1860 Broadway, New York 23, N.Y.

J. Electronics and Control
Journal of Electronics and Control. — Taylor and Francis, Red Lion Court, Fleet Street, London, E.C.4. Agents for U.S.A. and Canada: Academic Press, 111 Fifth Avenue, New York 3, N.Y.

J. Fac. Engng Univ. Tokyo
Journal of the Faculty of Engineering, University of Tokyo. — Bunkyo-ku, Tokyo.

J. Fac. Sci. Univ. Tokyo
Journal of the Faculty of Science, University of Tokyo. Section I (Mathematics, Astronomy, Physics, Chemistry). — Bunkyo-ku, Tokyo.

J. Franklin Inst.
Journal of the Franklin Institute. — Benjamin Franklin Parkway at Twentieth St., Philadelphia 3, Pennsylvania.

J. Geomagn. Geoelect.
Journal of Geomagnetism and Geoelectricity. — Society of Terrestrial Magnetism and Electricity of Japan. Geophysical Institute, Kyoto University, Kyoto.

J. geophys. Res.
Journal of Geophysical Research. — 5241 Broad Branch Road Northwest, Washington 15, D.C.

J. Glaciol.
Journal of Glaciology. — British Glaciological Society, c/o Scott Polar Research Institute, Lensfield Road, Cambridge, England.

J. Indian Inst. Sci.
Journal of the Indian Institute of Science, Sections A and B. — Bangalore 3

J. Inst. Elect. Commun. Engrs Japan
Journal of the Institute of Electrical Communication Engineers of Japan. — 2-8 Fujimicho, Chiyoda-ku, Tokyo.

J. Inst. Elect. Engrs Japan
Journal of the Institute of Electrical Engineers of Japan (Denki-Gakkai Zasshi). — Yuraku-cho, Chiyoda-ku, Tokyo. (Abridged English translations of selected articles are published in Electrotechnical Journal of Japan [E.T.J. Japan]).

J. Inst. Metals
Journal of the Institute of Metals. — 17 Belgrave Square, London, S.W.1.

J. Inst. Navig.
Journal of the Institute of Navigation. — Publisher: John Murray, 50 Albemarle Street, London, W.1.

J. Instn Elect. Engrs
Journal of The Institution of Electrical Engineers. — Savoy Place, London, W.C.2.

J. Instn Engrs Australia
Journal of the Institution of Engineers, Australia. — Science House, Gloucester and Essex Streets, Sydney.

J. Instn Telecomm. Engrs. (New Delhi)
Journal of the Institution of Telecommunication Engineers. — Post Box 481, New Delhi.

J. Iron Steel Inst.
Journal of the Iron and Steel Institute. — 4 Grosvenor Gardens, London, S.W.1.

J. Jr Instn Engrs
Journal of the Junior Institution of Engineers. — 14 Rochester Row, Westminster, London, S.W.1.

J. Math. and Phys.
Journal of Mathematics and Physics. — Technology Press, Massachusetts Institute of Technology, Cambridge, Mass.

J. Mech. Phys. Solids
Journal of the Mechanics and Physics of Solids. — Pergamon Press, 4 and 5, Fitzroy Square, London, W.1; 122 East 55th Street, New York 22, N.Y.; 24 rue des Ecoles, Paris 5.

J. Meteorol.
Journal of Meteorology. — American Meteorological Society, 3 Joy Street, Boston 8, Massachusetts.

J. molecular Spectrosc.
Journal of Molecular Spectroscopy. — Academic Press, 111 Fifth Avenue, New York 3, N.Y.

J. nuclear Energy
Journal of Nuclear Energy. — Pergamon Press, 4 and 5 Fitzroy Square, London, W.1; 122 East 55th Street, New York 22, N.Y.; 24 rue des Ecoles, Paris 5.

J. Opt. Soc. Amer.
Journal of the Optical Society of America. — American Institute of Physics, 335 East 45th Street, New York 17, N.Y.

J. photogr. Sci.
Journal of Photographic Science. — Royal Photographic Society of Great Britain, 16 Princes Gate, London, S.W.7.

J. phys. Chem.
Journal of Physical Chemistry. — American Chemical Society, 1155 Sixteenth Street, N.W., Washington 6, D.C.

J. Phys. Chem. Solids
Journal of Physics and Chemistry of Solids. — Pergamon Press, 122 East 55th Street, New York 22, N.Y.; 4 and 5, Fitzroy Square, London, W.1.

J. Phys. Radium
Journal de Physique et le Radium. — Société Française de Physique. Publication address: 12 place Henri-Bergson, Paris 8.

J. Phys. Soc. Japan
Journal of the Physical Society of Japan. — Department of Physics, Faculty of Science, University of Tokyo, Bunkyo-ku, Tokyo

J. Radio Res. Lab. (Tokyo)
Journal of the Radio Research Laboratories. — Ministry of Posts and Telecommunications, Kokubunji P.O., Kitatama-gun, Tokyo.

J. Rech. Cent. Nat. Rech. Sci.
Journal des Recherches du Centre National de la Recherche Scientifique. — Laboratories de Bellevue, 1 Place Aristide-Briand, Bellevue (S.-et-O.), France.

J. Res. Nat. Bur. Stand.
Journal of Research of the National Bureau of Standards. — U.S. Government Printing Office, Washington 25, D.C.

J. Roy. Astron. Soc. Canada
Journal of the Royal Astronomical Society of Canada. — 252 College Street, Toronto 28.

J. Roy. Soc. New S.Wales
Journal and Proceedings of the Royal Society of New South Wales. — Science House, Gloucester and Essex Streets, Sydney.

J. Sci. Hiroshima Univ.
Journal of Science of the Hiroshima University. Series A (Mathematics, Physics, Chemistry). — Hiroshima.

J. sci. industr. Res.
Journal of Scientific and Industrial Research. A (General); B (Physical Sciences). — Council of Scientific and Industrial Research, Old Mill Road, New Delhi 2.

J. sci. Instrum.
Journal of Scientific Instruments. — Institute of Physics, 47 Belgrave Square, London, S.W.1.

J. sci. Res. Banaras Hindu Univ.
Journal of Scientific Research of the Banaras Hindu University. — P.O. - Banaras Hindu University, India.

J. Sci. Res. Inst. (Tokyo)
Journal of the Scientific Research Institute. — 31 Kamifujimae-cho, Komagome, Bunkyo-ku, Tokyo.

J. Soc. Glass Technol.
Journal of the Society of Glass Technology. — "Thornton", Hallam Gate Road, Sheffield 10, Yorkshire.

J. Soc. Motion Picture Televis. Engrs
Journal of the Society of Motion Picture and Television Engineers. — 55 West 42nd Street, New York 36, N.Y.

"J. Stefan" Inst. Rep.
"J. Stefan" Institute, Reports. — P.O.B. 199, Ljubljana, Yugoslovia.

J. Technol. (Calcutta)
Journal of Technology. — Published for the Bengal Engineering College by The West Bengal Government Press, Calcutta. Subscription address: Bengal Engineering College, Howrah, India.

J. Televis. Soc.
Journal of the Television Society. — 166 Shaftesbury Avenue, London, W.C.2.

J. Text. Inst.
Journal of the Textile Institute. — 10 Blackfriars Street, Manchester, 3.

J. Univ. Bombay
Journal of the University of Bombay. — Fort, Bombay 1.

J. Washington Acad. Sci.
Journal of the Washington Academy of Sciences. — U.S. National Museum, Washington 25, D.C.

JENER Publ.
JENER Publications. — Joint Establishment for Nuclear Energy Research, Kjeller near Lillestrøm, Norway.

JENER Rep.
JENER Report. — Joint Establishment for Nuclear Energy Research, Kjeller near Lillestrøm, Norway.

Jodrell Bank Ann.
Jodrell Bank Annals (Astronomical Contributions from the University of Manchester, Series I). — Jodrell Bank Experimental Station, Lower Withington, Macclesfield, Cheshire.

Joel (Jordbruk. Elekt. Blad)
JOEL. Jordbrukarens Elektriska Blad. — Föreningen för Elektricitetens Rationella Användning (FERA), Box 3222, Stockholm 3.

K. Danske Vidensk. Selsk. mat.-fys. Medd.
Kongelige Danske Videnskabernes Selskab, Matematisk-fysiske Meddelelser. — Dantes Plads 5, Copenhagen V. Publisher: Ejnar Munksgaard, Nörregade 6, Copenhagen K.

K. Danske Vidensk. Selsk. mat.-fys. Skr.
Kongelige Danske Videnskabernes Selskab, Matematisk-fysiske Skrifter. — Dantes Plads 5, Copenhagen V. Publisher: Ejnar Munksgaard, Nörregade 6, Copenhagen K.

K. Fysiogr. Sällsk. Lund, Förhandl.
Kungliga Fysiografiska Sällskapets i Lund, Förhandlingar. — University of Lund, Lund.

K.Norske Vidensk. Selsk. Forhandl.
Kongelige Norske Videnskabers Selskabs Forhandlinger. — Publisher: F. Bruns Bokhandel, Trondheim.

K. Norske Vidensk. Selsk. Skr.
Kongelige Norske Videnskabers Selskabs Skrifter. — Publisher: F. Bruns Bokhandel, Trondheim.

K. Tekn. Högsk. Avhandl.
Kungliga Tekniska Högskolan, Avhandling (Royal Institute of Technology, Thesis). — Stockholm.

K. Tekn. Högsk. Handl.
Kungliga Tekniska Högskolans Handlingar (Transactions of the Royal Institute of Technology). — Stockholm.

Kodaikanal Obs. Bull.
Kodaikanal Observatory Bulletin. — India Meteorological Department, Government of India. Publication address: Astrophysical Observatory, Kodaikanal, India.

Konstruktion
Konstruktion. — Springer-Verlag, Berlin, Göttingen and Heidelberg.

Kraft o. Ljus
Kraft och Ljus. — Lonnrotsg. 4, Helsingfors.

Kristallografiya
Kristallografiya. — Akademiya Nauk SSSR, Moscow.

Kumamoto J. Sci. A
Kumamoto Journal of Science. Series A (Mathematics, Physics and Chemistry). — Faculty of Science, Kumamoto University, Kumamoto.

Kunststoffe
Kunststoffe. — Carl Hanser Zeitschriftenverlag, Kolbergerstrasse 22, Munich 27.

L.S.E. Engng Bull.
L.S.E. Engineering Bulletin. — Laurence, Scott and Electromotors, Manfield House, 376 Strand, London, W.C.2.

Lab. Pract.
Laboratory Practice. — United Trade Press, 9 Gough Square, Fleet Street, London, E.C.4.

Latv. PSR Zināt. Akad. Vēstis
Latvijas PSR Zinātnu Akadēmijas Vēstis. — Latvijas PSR Zinātnu Akadēmijas Izdevums, Riga, U.S.S.R.

Lichttechnik
Lichttechnik. — Helios-Verlag, Eichborndamm 141-167, Berlin-Borsigwalde.

Light and Ltg
Light and Lighting. — Illuminating Engineering Society, 32 Victoria Street, London, S.W.1.

Ljuskultur
Ljuskultur. (Formerly: Tidskrift för Ljuskultur). — Svenska Belysningssallskapet, Lysteknisk Selskab i Danmark och Selskapet for Lyskultur i Norge. Publication address: Sveavägen 28-30, 6 tr., Stockholm.

Lunds Univ. Arsskr., 2
Lunds Universitets Arsskrift, Avd. 2. — Lund.

Luz y Fuerza
Luz y Fuerza. — Editorial Gabel, General Goded 1, Madrid.

Mag. Concrete Res.
Magazine of Concrete Research. — Cement and Concrete Association, 52 Grovsnenor Gardens, London, S.W.1.

Marconi
Marconi. — Marconi Italiana, Via Corsica 21, Genoa.

Marconi Instrum.
Marconi Instrumentation. — Marconi Instruments, St. Albans, Hertfordshire.

Marconi Rev.
Marconi Review. — Marconi's Wireless Telegraph Company, Marconi House, Chelmsford.

Marelli
Marelli. — Ercole Marelli, Via Borgonuovo 24, Milan.

Maschinenbau u. Wärmewirtsch. (M.u.W.)
Maschinenbau und Wärmewirtschaft. — Incorporated in Österreichische Ingenieur-Zeitschrift [Österr. Ingen.-Z.] starting with the issue dated Jan., 1958.

Math. Tables Aids Comput.
Mathematical Tables and Other Aids to Computation. — National Academy of Sciences, 2101 Constitution Avenue, Washington, D.C.; Scientific Computing Service Ltd., 23 Bedford Square, London, W.C.1.

Matronics
Matronics. — Philips Gloeilampenfabrieken, Eindhoven.

Mech. Engng
Mechanical Engineering. — American Society of Mechanical Engineers, 29 West 39th Street, New York 18, N.Y.

Meded. K. Vlaamse Acad. Wetensch.
Mededelingen van de Koninklijke Vlaamse Academie voor Wetenschappen, Letteren en Schone Kunsten van België. — Paleis der Academiën, Hertogelijke Straat 1, Brussels.

Mem. Acad. Roy. Belgique Cl. Sci.
Mémoirs de la Classe des Science de l'Académie Royale de Belgique. Collection in 4°; Collection in 8°. — Palais des Academies, Rue Ducale 1, Brussels.

Mem. Accad. Naz. Lincei
Atti dell' Accademia Nazionale dei Lincei. Memorie Classe die Scienze Fisiche, Matematiche e Naturali. — Via della Lungara 10, Rome.

Mem. Coll. Sci. Univ. Kyoto
Memoirs of the College of Science, University of Kyoto. Series A (Mathematics). — Kitashirakawa, Sakyo-ku, Kyoto.

Mem. Fac. Engng Hokkaido Univ.
Memoirs of the Faculty of Engineering, Hokkaido University. — Sapporo, Japan.

Mem. Fac. Engng Kumamoto Univ.
Memoirs of the Faculty of Engineering, Kumamoto University. — Kumamoto, Japan.

Mem. Fac. Engng Kyoto Univ.
Memoirs of the Faculty of Engineering, Kyoto University. — Kyoto.

Mem. Fac. Engng Kyushu Univ.
Memoirs of the Faculty of Engineering, Kyushu University. — Fukuoka, Kyushu.

Mem. Fac. Engng Nagoya Univ.
Memoirs of the Faculty of Engineering, Nagoya University. — Furo-cho, Chikusa-ku, Nagoya.

Mem. Fac. Industr. Arts Kyoto Tech. Univ. (Sci. Technol.)
Memoirs of the Faculty of Industrial Arts, Kyoto Technical University. Science and Technology. — Matsugasaki, Sakyoku, Kyoto.

Mem. Fac. Sci. Kyusyu Univ.
Memoirs of the Faculty of Science, Kyūsyū (Kyūshu) University. Series B (Physics). — Hukuoka (Fukuoka), Kyushu.

Mem. Manchester Lit. Phil. Soc.
Memoirs and Proceedings of the Manchester Literary and Philosophical Society. — Portico Library, 57 Mosley Street, Manchester 2.

Mem. Roy. Astron. Soc.
Memoirs of the Royal Astronomical Society. — Burlington House, London, W.1.

Mem. School Sci. Engng Waseda Univ.
Memoirs of the School of Science and Engineering, Waseda University. — Totsuka, Shinjuku-ku, Tokyo.

Mem. Sci. phys.
Mémorial des Sciences Physique. — Gauthier-Villars, Quai des Grands-Augustins 55, Paris 6.

Mem. Soc. Astron. Ital.
Memorie della Società Astronomica Italiana. — Via Brera 28, Milan.

Mem. Soc. Roy. Sci. Liege.
Memoires de la Société Royale des Sciences de Liège. — L'Université, 7 Place du 20 Août, Liège.

Meteorol. Abstr.
Meteorological Abstracts and Bibliography. — American Meteorological Society, 3 Joy Street, Boston 8, Massachusetts.

Meteorol. Ann.
Meteorologiske Annaler. — Norske Meteorologiske Institutt (i samarbeid med Universitetets Institutt for Teoretisk Meteorologi). Publication address: H. Aschehoug, Oslo.

Meteorol. Rep. Meteorol. Off. (London)
Meteorological Reports. Meteorological Office (Air Ministry). — H.M. Stationery Office, Kingsway, London, W.C.2.

Metropolitan-Vickers Gaz.
Metropolitan-Vickers Gazette. — Metropolitan-Vickers Electrical Co., Trafford Park, Manchester 17.

Mining elect. mech. Engr
Mining Electrical and Mechanical Engineer. — The Association of Mining Electrical and Mechanical Engineers, 28 Kennedy Street, Manchester 2. Publication address: Cromwell Buildings, Blackfriars Street, Manchester 3.

Misc. Publ. Nat. Bur. Stand.
Miscellaneous Publications of the National Bureau of Standards. — U.S. Government Printing Office, Washington 25, D.C.

Mitt. Inst. Geophys. E.T.H. Zürich
Mitteilungen aus dem Institut für Geophysik. — Eidgenössische Technische Hochschule, Leonhardstrasse 33, Zürich 6.

Molecular Phys.
Molecular Physics. — Taylor and Francis, Red Lion Court, Fleet Street, London, E.C.4.

Monthly Not. Roy. Astron. Soc.
Monthly Notices of the Royal Astronomical Society. — Burlington House, London, W.1.

Monthly Not. Roy. Astron. Soc. Geophys. Suppl.
Monthly Notices of the Royal Astronomical Society, Geophysical Supplement. — Incorporated in the Geophysical Journal [Geophys. J.] from the end of 1957.

Monthly Notes Astron. Soc. S. Africa
Monthly Notes of the Astronomical Society of Southern Africa. — Royal Observatory, Observatory, Cape Province, Union of South Africa.

Muirhead Tech.
Muirhead Technique — Muirhead and Co., Beckenham, Kent.

Mullard tech. Commun.
Mullard Technical Communications. — Mullard House, Torrington Place, London, W.C.1.

Nachr. Akad. Wiss. Göttingen, math.-phys. Kl. IIa
Nachrichten der Akademie der Wissenschaften in Göttingen. Mathematisch-physikalische Klasse. IIa. Mathematisch-physikalisch-chemische Abteilung. — Göttingen.

Nachrichtentech. Fachber. (N.T.F.)
Nachrichtentechnische Fachberichte (NTF). Beihefte der NTZ. — Friedr. Vieweg, Postfach 185, Brunswick.

Nachrichtentech. Z. (N.T.Z.)
Nachrichtentechnische Zeitschrift. — Friedr. Vieweg, Burgplatz 1, Brunswick (20b).

Nachrichtentechnik
Nachrichtentechnik. — V.E.B. Verlag Technik, Oranienburger Str. 13/14, Berlin,C.2.

Nature (London)
Nature. — MacMillan and Co., St. Martin's Street, London, W.C.2; St. Martin's Press, 103 Park Avenue, New York 17, N.Y.

Naturwissenschaften
Die Naturwissenschaften. — Springer-Verlag, Reichpietschufer 20, Berlin, W.35.

Ned. Tijdschr. Natuurkde
Nederlands Tijdschrift voor Natuurkunde. — Publisher: Martinus Nijhoff, Lange Voorhout 9, The Hague.

New Zealand Engng
New Zealand Engineering. (Journal of the New Zealand Institution of Engineers). — Publisher: Technical Publications, Dominion Bldg, G.P.O. Box 1001, Wellington.

New Zealand J. Sci. Technol.
New Zealand Journal of Science and Technology, Sections A and B. — Replaced in 1958 by three separate journals: New Zealand Journal of Agricultural Research, New Zealand Journal of Geology and Geophysics, and the New Zealand Journal of Science [New Zealand J. Sci.]

New Zealand J. Sci.
New Zealand Journal of Science. — Department of Scientific and Industrial Research, Box 8018, Wellington. Replaces (with the New Zealand Journal of Agricultural Research and he New Zealand Journal of Geology and Geophysics) the New Zealand Journal of Science and Technology.

Noise Control
Noise Control. — Published for the Acoustical Society of America by the American Institute of Physics, 335 East 45th Street, New York 17, N.Y.

Nondestr. Test.
Journal of the Society for Nondestructive Testing. — 1109 Hinman Avenue, Evanston, Illinois.

Notes appl. Sci. Nat. Phys. Lab.
Notes on Applied Science. National Physical Laboratory. — Teddington, Middlesex. Publisher: H.M. Stationery Office, Kingsway, London, W.C.2.

Nuclear Engng
Nuclear Engineering. — Temple Press, Bowling Green Lane, London, E.C.1.

Nuclear Instrum.
Nuclear Instruments. — North-Holland Publishing Company, P.O.Box 103, Amsterdam.

Nuclear Phys.
Nuclear Physics. — North-Holland Publishing Company, P.O. Box 103, Amsterdam.

Nuclear Pwr
Nuclear Power. — Rowse Muir Publications, 3 Percy Street, London, W.1.

Nuclear Sci. Engng
Nuclear Science and Engineering. Journal of the American Nuclear Society. — Publisher: Academic Press, 111 Fifth Avenue, New York 3, N.Y.

Nucleonics
Nucleonics. — McGraw-Hill Publishing Co., 330 W. 42nd Street, New York 36, N.Y.; Farringdon Street, London, E.C.4.

Nukleonik
Nukleonik. — Springer-Verlag, Reichpietschufer 20, Berlin, W.35; and Neuenheimer Landstrasse 28-30, Heidelberg (17a).

Nukleonika
Nukleonika. — Polska Akademia Nauk, Palac Kultury i Nauki, Warsaw.

Nuovo Cimento
Il Nuovo Cimento. — Società Italiana di Fisica. Publication address: Nicola Zanichelli, Via Irnerio 34, Bologna.

Nuovo Cimento Suppl.
Supplemento al Nuovo Cimento. — Società Italiana di Fisica. Publication address: Nicola Zanichelli, Via Irnerio 34, Bologna.

Observatory
Observatory. — Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex. Agents: Wm. Dawson and Sons, Cannon House, Macklin Street, London, W.C.2.

Occ. Notes Roy. Astron. Soc.
Occasional Notes of the Royal Astronomical Society. — Burlington House, London, W.1.

Onde elect.
l'Onde Electrique. — Société des Radioélectriciens, 10 Avenue Pierre-Larousse, Malakoff (Seine). Publisher: Editions Chiron, 40 rue de Seine, Paris 6.

Ontario Hydro Res. News
Ontario Hydro Research News. — Abstracted by the Electrical Research Association.

Optica Acta
Optica Acta. — Taylor and Francis, Red Lion Court, Fleet Street, London, E.C.4.

Optik
Optik. — Wissenschaftliche Verlagsgesellschaft, Postfach 40, Stuttgart 1.

Optika i Spektrosk.
Optika i Spektroskopiya. — Akademiya Nauk SSSR, Moscow.

Österr. Ingen.-Z.
Österreichische Ingenieur-Zeitschrift. (Continuation of Maschinenbau und Wärmewirtschaft, Zeitschrift des Österreichischen Ingenieur- und Architekten-Vereines, and Österreichischen Bauschrift.) — Springer-Verlag, Mölkerbastei 5, Vienna I.

Österr. Z. ElektWirtsch. (Ö.Z.E.)
Österreichische Zeitschrift für Elektrizitätswirtschaft. — Verband der Elektrizitätswerke Österreichs. Publisher: Springer-Verlag, Mölkerbastei 5, Vienna I.

P.T.T. Bedrijf
P.T.T.-Bedrijf. — Direction Centrale des P.T.T., 12 Kortenaerkade, The Hague.

Pakistan J. Sci.
Pakistan Journal of Science. — Pakistan Association for the Advancement of Science, University Institute of Chemistry, Lahore.

Pakistan J. sci. industr. Res.
Pakistan Journal of Scientific and Industrial Research. — Pakistan Council of Scientific and Industrial Research, No. 3/4/D/IV, Nazimabad, Karachi.

Pakistan J. sci. Res.
Pakistan Journal of Scientific Research. — Pakistan Association for the Advancement of Science, University Institute of Chemistry, Lahore.

Pap. Instn Post Off. Elect. Engrs
Institution of Post Office Electrical Engineers, Printed Papers. — G.P.O., 2-12, Gresham Street, E.C.2.

Period. math.-phys. astron. (Zagreb)
Periodicum Mathematico-physicum et Astronomicum (Glasnik Matematičko-Fizički i Astronomski). — Drustvo Matematičara i Fizičaro. [Societas Mathematicorum et Physicorum Croatiae]. Publication address: Marulicev trg 19, Zagreb.

Periodica polytech., Elect. Engng
Periodica Polytechnica. (Electrical Engineering). — Elektrotechnik. P.O.B. 440, Budapest 62.

Phil. Mag.
Philosophical Magazine. — Taylor and Francis, Red Lion Court, Fleet Street, London, E.C.4.

Phil. Trans.
Philosophical Transactions of the Royal Society of London. Series A (Mathematical and Physical Sciences). — Burlington House, London, W.1.

Philips Res. Rep.
Philips Research Reports. — Philips' Gloeilampenfabrieken, Eindhoven.

Philips tech. Rev.
Philips Technical Review. — Philips' Gloeilampenfabrieken, Eindhoven.

Philips Telecomm. Rev.
Philips Telecommunications Review. — Philips' Gloeilampenfabrieken, Eindhoven. Subscription address: Cleaver-Hume Press, 31 Wright's Lane, Kensington, London, W.8.

Photoelect. Spectrom. Group Bull. (Cambridge)
Photoelectric Spectrometry Group Bulletin. — 56 Arbury Road, Cambridge.

Photogr. J.
Photographic Journal. — Royal Photographic Society of Great Britain, 16 Princes Gate, London, S.W.7.

Phys. Blätt.
Physikalische Blätter. — Physik-Verlag, Mosbach/Baden.

Phys. of Fluids
Physics of Fluids. — American Institute of Physics, 335 East 45th Street, New York 17, N.Y.

Phys. Metals and Metallography [U.S.S.R.]
Physics of Metals and Metallography. — Pergamon Press, 4 and 5 Fitzroy Square, London, W.1; 122 East 55th Street, New York 22, N.Y. [A translation of the Russian journal Fizika Metallov i Metallovedenie].

Phys. Rev.
Physical Review. — American Institute of Physics, 335 East 45th Street, New York 17, N.Y.

Phys. Rev. Letters
Physical Review Letters. — American Institute of Physics, 335 East 45th Street, New York 17, N.Y.

Phys. Today
Physics Today. — American Institute of Physics, 335 East 45th Street, New York 17, N.Y.

Physica
Physica. — The Physica Foundation, Amsterdam. Subscription address: Dr. W.J. Beekman (Treasurer), Lucas Bolwerk 4, Utrecht.

Point to Point Telecomm.
Point to Point Telecommunications. — Communications Division, Marconi's Wireless Telegraph Company, Marconi House, Chelmsford, England.

Portugal. Math.
Portugaliae Mathematica. — Rua Nova da Trindade, 1,5°-S., Lisbon.

Portugal. Phys.
Portugaliae Physica. — Laboratorio de Físíca, Faculdade de Ciências, Universidade de Lisboa, Rua da Escola Politecnica, Lisbon.

Post Off. elect. Engrs' J.
Post Office Electrical Engineers' Journal. — Institution of Post Office Electrical Engineers. Publication address: G.P.O., 2-12, Gresham Street, E.C.2.

Poste e Telecom.
Poste e Telecomunicazioni. — Via della Vite 107, Rome.

Powder Metall. Bull.
Powder Metallurgy Bulletin. — 195 Madison Avenue, New York 22, N.Y.

Prace Inst. Tele- i Radiotech.
Prace Instytutu Tele- i Radiotechnicznego. — Instytut Tele- i Radiotechniczny, ul. Ratuszowa 11, Warsaw 4.

Prace Inst. Łączności
Prace Instytutu Łączności. — Instytut Łączności, ul. Ratuszowa 11, Warsaw 4.

Prace P.I.T.
Prace Przemysłowego Instytutu Telekomunikacji. — Editorial address: Poligonowa 30, Warsaw.

Práce Ustavu pro Elektrotech. ČSAV
Práce Ustavu pro Elektrotechniky ČSAV. — Československa Akademie Ved, Narodni tř. 5, Prague.

Prace Wrocław. Tow. nauk B
Prace Wrocławskiego Towarzystwa Naukowego [Travaux de la Société des Sciences et des Lettres de Wrocław]: Seria B. — Wrocław, Poland.

Pribory i Tekh. Éksper.
Pribory i Tekhnika Éksperimenta. — Agent: Mezhdunarodnaya Kniga, Moscow.

Proc. Amer. Acad. Arts Sci.
Proceedings of The American Academy of Arts and Science. — See under Dædalus.

Proc. Amer. Pwr Conf.
Proceedings of the American Power Conference. — Illinois Institute of Technology, Technology Center, Chicago 16, Illinois.

Proc. Automobile Div. Instn Mech. Engrs
Proceedings of the Automobile Division, Institution of Mechanical Engineers. — 1 Birdcage Walk, London, S.W.1.

Proc. Cambridge Phil. Soc.
Proceedings of the Cambridge Philosophical Society. — Free School Lane, Cambridge. Publisher: Cambridge University Press, Bentley House, 200 Euston Road, London, N.W.1; 32 East 57th Street, New York 22, N.Y.

Proc. Chem. Soc.
Proceedings of the Chemical Society. — Burlington House, Piccadilly, London, W.1.

Proc. Egypt. Acad. Sci.
Proceedings of the Egyptian Academy of Sciences. — "Dar el Hikma", 42 Qasr el Aini Street, Cairo.

Proc. Indian Acad. Sci.
Proceedings of the Indian Academy of Sciences, Section A. — Bangalore.

Proc. Indian Assoc. Cultiv. Sci.
Proceedings of the Indian Association for the Cultivation of Science. — Contained in Indian Journal of Physics [Indian J. Phys.].

Proc. Inst. Radio Engrs
Proceedings of the Institute of Radio Engineers. — 1 East 79th Street, New York 21, N.Y.

Proc. Instn Civil Engrs
Proceedings of the Institution of Civil Engineers. — Great George Street, London, S.W.1.

Proc. Instn Elect. Engrs
Proceedings of The Institution of Electrical Engineers, Part A (Power Engineering); Part B (Radio and Electronic Engineering); Part C (Monographs). — Savoy Place, London, W.C.2.

Proc. Instn Elect. Engrs Paper, Proc. Instn Elect. Engrs Monogr.
Proceedings of The Institution of Electrical Engineers, Papers and Monographs. — Savoy Place, London, W.C.2. [Papers read at meetings, and Monographs, are published individually in advance of republication in the Proceedings; page numbers in the Proceedings will be found in a later abstract].

Proc. Instn Mech. Engrs
Proceedings of the Institution of Mechanical Engineers. — 1 Birdcage Walk, London, S.W.1.

Proc. Instn Radio Engrs Australia
Proceedings of the Institution of Radio Engineers, Australia. — Science House, Gloucester Street, Sydney.

Proc. Iowa Acad. Sci.
Proceedings of the Iowa Academy of Sciences. — Iowa State College, Ames, Iowa.

Proc. Iraqi Sci. Socs
Proceedings of the Iraqi Scientific Societies. — Baghdad. Subscription address: Dr. Abdul K. Khudairi, College of Sciences, Adhamia, Iraq.

Proc. Japan Acad.
Proceedings of the Japan Academy. — Ueno Park, Tokyo.

Proc. K. Ned. Akad. Wetensch.
Proceedings, Koninklijke Nederlandse Akademie van Wetenschappen. Series B (Physical Sciences). — Publisher: North-Holland Publishing Company, Amsterdam.

Proc. Leeds Phil. Lit. Soc.
Proceedings of the Leeds Philosophical and Literary Society. — The University, Leeds.

Proc. Nat. Acad. Sci. India
Proceedings of the National Academy of Sciences, India. Section A. — University Science Buildings, Allahabad.

Proc. Nat. Acad. Sci. U.S.A.
Proceedings of the National Academy of Sciences of the United States of America. — 2101 Constitution Avenue, Washington 25, D.C. Published by: The University of Chicago Press, 5750 Ellis Avenue, Chicago 37, Illinois. Agent for the British Commonwealth (except North America and Australasia): Cambridge University Press, Bentley House, 200 Euston Road, London, N.W.1.

Proc. Nat. Electronics Conf.
Proceedings of the National Electronics Conference. — 84 East Randolph Street, Chicago 1, Illinois.

Proc. Nat. Inst. Sci. India
Proceedings of the National Institute of Sciences of India, Part A (Physical Sciences). — Mathura Road, New Delhi.

Proc. Roy. Irish Acad.
Proceedings of the Royal Irish Academy. — Dawson Street, Dublin.

Proc. Phys. Soc. (London)
Proceedings of the Physical Society. — 1 Lowther Gardens, Prince Consort Road, London, S.W.7.

Proc. Roy. Soc.
Proceedings of the Royal Society of London. Series A (Mathematical and Physical Sciences). — Burlington House, London, W.1.

Proc. Roy. Soc. Edinburgh
Proceedings of the Royal Society of Edinburgh. Section A (Mathematical and Physical Sciences). — 22-24 George Street, Edinburgh, 2.

Proc. Roy. Soc. Victoria
Proceedings of the Royal Society of Victoria. — Royal Society's Hall, 9 Victoria Street, Melbourne, C.1.

Proc. Univ. Durham Phil. Soc. A
Proceedings of the University of Durham Philosophical Society. Series A (Science). — University of Durham, 46 North Bailey, Durham, England.

Prof. Notes Meteorol. Off. (London)
Professional Notes. Meteorological Office (Air Ministry). — H.M. Stationery Office, Kingsway, London, W.C.2.

Progr. theor. Phys.
Progress of Theoretical Physics. — Research Institute for Fundamental Physics, The Physical Society of Japan. Publication Office: Yukawa Hall, Kyoto University, Kyoto.

Przeglad elektrotech.
Przeglad Elektrotechniczny. — al. Czackiego 3/5, Warsaw.

Przeglad telekom.
Przeglad Telekomunikacyjny. — Mickiewicza 18, Warsaw.

Pubbl. Ist. Elettrotec. Naz. Ferraris
Pubblicazioni dell' Istituto Elettrotecnico Nazionale "Galileo Ferraris". — Corso Massimo d'Azeglio 42, Turin.

Publ. Astron. Soc. Japan
Publications of the Astronomical Society of Japan. — Tokyo Astronomical Observatory, Mitaka, Tokyo.

Publ. Astron. Soc. Pacific
Publications of the Astronomical Society of the Pacific. — 675 Eighteenth Avenue, San Francisco 21, California.

Publ. Dominion Astrophys. Obs. Victoria, B.C.
Publications of the Dominion Astrophysical Observatory, Victoria, British Columbia. —Dominion Astrophysical Observatory, Victoria, B.C.

Publ. Dominion Obs. Ottawa
Publication of the Dominion Observatory. — Dominion Observatory, Department of Mines and Technical Surveys, Ottawa.

Publ. Inst. Roy. Meteorol. Belgique
Publications, Institut Royal Météorologique de Belgique. Série A, format in 4^0; Serie B, format in 8^0. — 3 Avenue Circulaire, Uccle-Brussels.

Pwr Apparatus Syst.
Power Apparatus and Systems. — Part III of the Transactions of the American Institute of Electrical Engineers. [Trans. Amer. Inst. Elect. Engrs].

Q.S.T.
Q.S.T. — American Radio Relay League, 38 La Salle Road, West Hartford 7, Connecticut.

Quad. Stud. Not.
Quaderni di Studi e Notizie. — Società Edison, Foro Bonaparte 31, Milan.

Quart. appl. Math.
Quarterly of Applied Mathematics. — Brown University, Providence 12, Rhode Island.

Quart. J. Roy. Meteorol. Soc.
Quarterly Journal of the Royal Meteorological Society. — 49 Cromwell Road, London, S.W.7

Quart. Rev. Chem. Soc.
Quarterly Reviews of the Chemical Society. — Burlington House, London, W.1.

R.C.A. Rev.
R.C.A. Review. — Radio Corporation of American, R.C.A. Laboratories Division, Princeton, New Jersey.

R.C. Accad. Naz. Lincei
Atti dell' Accademia Nazionale dei Lincei. — Rendiconti, Classe di Scienze Fisiche, Matematiche e Naturali. — Via della Lungara 10, Rome.

R.C. Ist. Super. Sanità.
Rendiconti dell' Istituto Superiore di Sanità. — Fondazione Emanuele Paternò, Viale Regina Elena 299, Rome.

R.C. Riun. Assoc. Elettrotec. Ital.
Rendiconti della Riunione Annuale dell' Associazione Elettrotecnica Italiana. — Via S. Paolo 10, Milan.

Radiation Research
Radiation Research. — The Radiation Research Society. Publisher: Academic Press, 111 Fifth Avenue, New York 3, N.Y.

Radio-Electronics
Radio-Electronics. — 154 W. 14th Street, New York 11, N.Y.

Radio Engng [U.S.S.R.]
Radio Engineering. — Pergamon Press, 4 and 5 Fitzroy Square, London, W.1; 122 East 55th Street, New York 22, N.Y. [A translation of the Russian journal Radiotekhnika].

Radio Engng and Electronics [U.S.S.R.]
Radio Engineering and Electronics. — Pergamon Press, 4 and 5 Fitzroy Square, London, W.1; 122 East 55th Street, New York 22, N.Y. [A translation of the Russian journal Radiotekhnika i Elektronika].

Radio Mentor
Radio Mentor. — Walter Regelien, Hubertusbader Str. 16, Berlin-Grunewald.

Radio TV News
Radio and TV News. — Ziff-Davis Publishing Co., 434 S. Wabash Ave, Chicago 5, Illinois.

Radiology
Radiology. — Radiological Society of North America, 713 E. Genesee Street, Syracuse 2, New York, N.Y.

Radiotekhnika
Radiotekhnika. — Chistoprudnyĭ bul'var 2, Moscow. A translation is published as Radio Engineering [Radio Engng (U.S.S.R.)].

Radiotekhnika i Elektronika
Radiotekhnika i Elektronika. — Akademiya Nauk SSSR. A translation is published as Radio Engineering and Electronics [Radio Engng and Electronics (U.S.S.R.)].

Rdfunktech. Mitt.
Rundfunktechnische Mitteilungen. (Replaces: Technische Hausmitteilungen des Nordwestdeutschen Rundfunks; and Mitteilungen des Rundfunktechnischen Instituts). — Institut für Rundfunktechnik, Mittelweg 113, Hamburg 13.

Recueil Trav. chim. Pays-Bas
Recueil des Travaux Chimiques des Pays-Bas. — Koninklijke Nederlandse Chemische Vereniging, Lange Voorhout 5, The Hague.

Regelungstechnik
Regelungstechnik. — R. Oldenbourg, Rosenheimer Strasse 145, Munich.

Rep. Brit. Elect. Res. Assoc.
Reports of the British Electrical and Allied Industries Research Association. — Thorncroft Manor, Dorking Road, Leatherhead, Surrey.

Rep. Elect. Commun. Lab. (Tokyo)
Reports of the Electrical Communication Laboratory. — Nippon Telegraph and Telephone Public Corporation. 1551 Kichijoji Musashino-shi, Tokyo.

Rep. Ionosphere Res. Japan
Report of Ionosphere Research in Japan. — Science Council of Japan, Ueno Park, Tokyo.

Rep. Progr. Phys.
Reports of the Physical Society on Progress in Physics. — 1 Lowther Gardens, Prince Consort Road, London, S.W.7.

Rep. Res. Inst. Elect. Commun. Tohoku Univ.
Reports of the Research Institute of Electrical Communication of Tôhoku University. [A section of Science Reports of the Research Institutes, Tôhoku University, Series B (Technology)]. — Tôhoku University, Sendai.

Research
Research. — Butterworths Scientific Publications, 88, Kingsway, London, W.C.2.

Researches Electrotech. Lab. (Tokyo)
Researches of the Electrotechnical Laboratory. — 2-chome, Nagatacho, Chiyoda-ku, Tokyo.

Rev. Cienc. apl.
Revista de Ciencia Aplicada. — Serrano, 150 [Apartado de correos 743], Madrid.

Rev. E
Revue E. (Supplement to the Bulletin of the Société Belge des Electriciens [Bull. Soc. Belge Elect.]). — 1, Place du Trône, Brussels.

Rev. Elect. Mecan.
Revue d'Electricité et de Mécanique. — Alsthom, 38 Avenue Kléber, Paris 16.

Rev. Electrotéc.
Revista Electrotécnica. — Asociacion Argentina de Electrotecnicos, Posadas 1657, Buenos Aires.

Rev. d'Électrotech. et d'Énergétique
Revue d'Électrotechnique et d'Énergétique. — Institutul de Energetica, Căsuta Poştalá 142, Bucarest I.

Rev. Fac. Ciénc. Univ. Lisboa B
Revista da Faculdade de Ciências. B (Ciências Físico-Quimicas). — Biblioteca da Faculdade de Ciências, Universidade de Lisboa, Rua da Escola Politecnica, Lisbon.

Rev. Fac. Engen., Univ. Porto
Revista da Faculdade de Engenharia, Universidade do Porto. — Porto.

Rev. Fac. Sci. Univ. Istanbul
Revue de la Faculté des Sciences de l'Université d'Istanbul (Istanbul Universitesi Fen Fakültesi Mecmuasi). Série C (Astronomie, Physique, Chimie). — Beyazit, Istanbul.

Rev. Fis. (Rio de Janeiro)
Revista de Fisica. — Escola Nacional de Engenharia, Instituto de Oleos, Av. Maracana No. 252, Rio de Janeiro.

Rev. gén. Elect.
Revue Générale d'Electricité. — 12 Place Henri-Bergson (ex-Place de Laborde), Paris 8.

Rev. Geofis.
Revista de Geofísica. — Instituto Nacional de Geofísica, Serrano 161, Madrid.

Rev. H.F.
Revue H.F. — Société Belge des Ingenieurs des Télécommunications et d'Electronique, 55 rue Defacqz, Brussels (40).

Rev. Jeumont
Revue Jeumont. — Forges et Ateliers de Constructions Electriques de Jeumont, 5 Place de Rio de Janeiro, Paris 8.

Rev. Mexicana Fís.
Revista Mexicana de Física. — Instituto de Fisica, Apartado Postal No. 31364, Mexico 20, D.F.

Rev. mod. Phys.
Reviews of Modern Physics. — American Institute of Physics, 335 East 45th Street, New York 17, N.Y.

Rev. Obras publ.
Revista de Obras Publicas. — Alfonso XII, 3, Escuela de Caminos, Madrid, 7.

Rev. Opt.
Revue d'Optique (Théorique et Instrumentale). — 3 et 5 Boulevard Pasteur, Paris 15.

Rev. de Physique [Bucarest]
Revue de Physique. — Academiei Republicii Populare Romine. Editorial address: 125 Calea Victoriei, Bucarest.

Rev. S-W
Revue S-W. — Le Materiel Electrique S-W, 32 Cours Albert I, Paris 8.

Rev. sci. Instrum.
Review of Scientific Instruments. — American Institute of Physics, 335 East 45th Street, New York 17, N.Y.

Rev. Soc. Roy. Belge Ingen. Industr.
Revue de la Société Royale Belge des Ingénieurs et des Industriels. — Hotel Ravenstein, 3 Ravenstein, Brussels, 1.

Rev. tech. C.F.T.H.
Revue Technique de la Compagnie Française Thomson-Houston. — 173 Bd. Haussmann, Paris 8.

Rev. Telecom.
Revista de Telecomunicación. — Consejo Tecnico de Telecomunicación, Palacio de Comunicaciones, Madrid.

Rev. Univ. Nac. La Plata
Revista Universidad Nacional de La Plata. — Facultad de Ciencias Físicomatemáticas, Universidad Nacional de La Plata, La Plata.

Rev. Univ. Tucumán
Revista de la Universidad Nacional de Tucumán. Serie A (Matematicas y Física Teorica). — Tucumán, Argentina.

Ricerca sci.
La Ricerca Scientifica. — Consiglio Nazionale delle Ricerche. Publication address: Piazza della Libertà 10, Rome.

Rohde und Schwarz Mitt.
Rohde und Schwarz Mitteilungen. — Subscription address: R. Oldenbourg, Rosenheimer Strasse 145, Munich 8.

Rozprawy elektrotech.
Rozprawy Elektrotechniczne. — Państwowe Wydawnictwo Naukowe, Krakowskie Przedmieście 79, Warsaw.

S. African J. Sci.
South African Journal of Science. — South African Association for the Advancement of Science, Kelvin House, Marshall and Holland Streets, Johannesburg.

S.B. Dtsch. Akad. Wiss. Berlin, Kl. Math. Phys. Tech.
Sitzungsberichte der Deutschen Akademie der Wissenschaften zu Berlin, Klasse für Mathematik, Physik und Technik. Publisher: Akademie-Verlag, Mohrenstrasse 39, Berlin, W.8.

S.B. Gesell. Beförd. Naturwiss. Marburg
Sitzungsberichte der Gesellschaft zur Beförderung der gesamten Naturwissenschaften zu Marburg. — Publication address: Elwert Verlag, Marburg.

S.B. Heidelberg. Akad. Wiss.
Sitzungsberichte der Heidelberger Akademie der Wissenschaften. (Mathematisch-naturwissenschaftliche Klasse). — Publisher: Springer-Verlag, Neuenheimer Landstrasse 28-30, Heidelberg.

S.B. Österr. Akad. Wiss. mat.-nat. Kl. Abt. II
Sitzungsberichte, Österreichische Akademie der Wissenschaften. Mathematisch-naturwissenschaftliche Klasse. Abteilung II (Mathematik, Astronomie, Physik, Meteorologie und Technik). — Springer-Verlag, Mölkerbastei 5, Vienna I.

S.E.G. Nachr.
S.E.G. Nachrichten. — Title changed to S.E.L. Nachrichten.

S.E.L. Nachr.
S.E.L. Nachrichten. (Formerly: S.E.G. Nachrichten). — Standard Elektrik Lorenz, Hellmuth-Hirth-Strasse 42, Stuttgart-Zuffenhausen.

Safety Mines Res. Establ. Res. Rep.
Safety in Mines Research Establishment Research Report. — Ministry of Power, Safety in Mines Research Establishment, Portobello Street, Sheffield 1.

Schweiz. Arch. angew. Wiss. Tech.
Schweizer Archiv für angewandte Wissenschaft und Technik (Annales Suisses des Sciences Appliquées et de la Technique). — Buchdruckerei Vogt-Schild, Solothurn.

Schweiz. Bauztg
Schweizerische Bauzeitung. — Schweizerischer Ingenieur- und Architekten-Verein. Publisher: W. Jegher and A. Ostertag, Dianastrasse 5, Zürich.

Schweiz. tech. Z. (S.T.Z.)
Schweizerische Technische Zeitschrift (Revue Technique Suisse—Revista Tecnica Svizzera). — Publication address: Büchler and Co., Marienstrasse 8, Berne.

Sci. and Culture
Science and Culture. — Indian Science News Association, 92 Upper Circular Road, Calcutta 9.

Sci. J. Roy. Coll. Sci.
Scientific Journal of the Royal College of Science. — Imperial College Union, South Kensington, London, S.W.7.

Sci. of Light (Tokyo)
Science of Light. — Published by the Institute for Optical Research, Tokyo University of Education (in collaboration with the Spectroscopical Society of Japan). 400, 4-chome, Hyakunin-machi, Shinkuju-ku, Tokyo.

Sci. Pap. Coll. Gen. Educ. Univ. Tokyo
Scientific Papers of the College of General Education, University of Tokyo. — Komaba, Meguro-ku, Tokyo.

Sci. Proc. Roy. Dublin Soc.
Scientific Proceedings of the Royal Dublin Society. — Ball's Bridge, Dublin.

Sci. Progr.
Science Progress. — Edward Arnold, 41 Maddox Street, London, W.1.

Sci. Rep. Res. Insts Tohoku Univ.
Science Reports of the Research Institutes, Tôhoku University. Series A (Physics, Chemistry and Metallurgy). — Tôhoku University, Sendai.

Sci. Rep. Saitama Univ.
Science Reports of the Saitama University. Series A (Mathematics, Physics and Chemistry). — Saitama University, Urawa, Japan.

Sci. Rep. Tôhoku Univ.
Science Reports of the Tôhoku University. First series (Physics, chemistry, Astronomy). — Faculty of Science, Tôhoku University, Sendai.

Sci. Rep. Yokohama Nat. Univ.
Science Reports of the Yokohama National University. Section I (Mathematics, Physics). — Faculty of Liberal Arts and Education, Yokohama National University, Kamakura, Japan.

Science
Science. — American Association for the Advancement of Science, 1515 Massachusetts Avenue N.W., Washington 5, D.C.

Science Tools
Science Tools. — L.K.B. Produkter Fabriksaktiebolag, Box 12220, Stockholm 12.

Scientia (Asso)
Scientia. — 4 Via Roncaglia, Asso (Como), Italy.

Scientia (Valparaiso)
Scientia. — Universidad Tecnica Federico Santa Maria, Casilla 110-V, Valparaiso.

Scientia Electrica
Scientia Electrica. — Institut für höhere Elektrotechnik, Eidgenössische Technische Hochschule, Zürich.

Scientia Sinica
Scientia Sinica. — Academia Sinica, Peking. Agent: Guozi Shudian, 38, Suchou Hutung, Peking.

Siemens Edison Swan J.
Siemens Edison Swan Journal. (Replaces: Siemens Engineering Bulletin). — 155 Charing Cross Road, London, W.C.2.

Siemens Rev.
Siemens Review. — Siemens-Schuckertwerke AG, Werner-von-Siemens-Strasse 50, Erlangen. (English translations of selected articles from Siemens Zeitschrift).

Siemens Z.
Siemens-Zeitschrift. — Siemens-Schuckertwerke Aktiengesellschaft, Werner-von-Siemens-Strasse 50, Erlangen. (English translations of selected articles appear in: Siemens Review).

Simon Stevin
Simon Stevin. — Erven P. Noordhoff, Groningen and Djakarta.

Skr. Norske VidenskAkad. Oslo
Skrifter utgitt av det Norske Videnskaps-Akademi i Oslo. I. Matematisk-Naturvidenskaplige Klasse. — Faculty of Mathematics and Science, University of Oslo, Blindern, per Oslo.

Slaboproudy Obzor
Slaboproudý Obzor. — Krakovska 8, Prague II.

Smit. Meded.
Smit Mededelingen. — Willem Smit and Co.'s Transformatorenfabriek, Nijmegen.

Smithsonian Contrib. Astrophys.
Smithsonian Contributions to Astrophysics. — Smithsonian Institution, Washington, D.C. Obtainable from: U.S. Government Printing Office, Washington 25, D.C.

Soviet Physics — Acoustics (New York)
Soviet Physics—Acoustics. — American Institute of Physics, 335 East 45th Street, New York 17, N.Y. (A translation of Akusticheskiĭ Zhurnal [Akust. Zh.]).

Soviet Physics — "Doklady" (New York)
Soviet Physics—"Doklady". — American Institute of Physics, 335 East 45th Street, New York 17, N.Y. (A translation of the "Physics Section" of Doklady Akademiĭ Nauk SSSR [Dokl. Akad. Nauk SSSR]).

Soviet Physics JETP (New York)
Soviet Physics JETP. — American Institute of Physics, 335 East 45th Street, New York 17, New York. (A translation of Zhurnal Eksperimentalnoĭ i Teoreticheskoĭ Fiziki [Zh. eksper. teor. Fiz.]).

Soviet Physics — Technical Physics (New York)
Soviet Physics—Technical Physics. — American Institute of Physics, 335 East 45th Street, New York 17, N.Y. (A translation of Zhurnal Tekhnicheskoĭ Fiziki [Zh. tekh. Fiz.]).

Spectrochimica Acta
Spectrochimica Acta. — Pergamon Press, 4 and 5 Fitzroy Square, London, W.1.

State Inst. Tech. Res., Finland.
State Institute of Technical Research, Finland. Publications. — Lönnrotink 37, Helsinki.

Stockholms Obs. Ann.
Stockholms Observatoriums Annaler. — Publisher: Almqvist and Wiksell, Stockholm.

Stud. Cercetari Energetica
Studii si Cercetări de Energetică. — Institutul de Energetică, Căsuța Poștală 142, Bucarest I.

Stud. Cercetari Fiz.
Studii si Cercetări de Fizica. — Academiei Republicii Populare Romine. Editorial address: 125 Calea Victoriei, Bucarest.

Students' quart. J. Instn Elect. Engrs
Students' Quarterly Journal of The Institution of Electrical Engineers. — Savoy Place, London, W.C.2.

Suppl. Progr. theor. Phys.
Supplement of Progress of Theoretical Physics. — Research Institute for Fundamental Physics, Physical Society of Japan. Publication Office: Yukawa Hall, Kyoto University, Kyoto.

Svenska Elverksfören. Handl.
Svenska Elverksföreningens Handlingar. — Drottninggatan 90 B, Stockholm 3.

Svenska VattenkrFören. Publ.
Svenska Vattenkraftföreningens Publikationer. — Vasagatan 9, Stockholm C.

Svenska VattenkrFören. Publ. Medd.
Svenska Vattenkraftföreningens Publikationer. Meddelande. — Vasagatan 9, Stockholm C.

Svetotekhnika
Svetotekhnika. — Agent: Mezhdunarodnaya Kniga, Moscow.

Sylvania Technol.
Sylvania Technologist. — Sylvania Electric Products, Bayside, New York, N.Y.

T. Ljuskultur
Tidskrift för Ljuskultur. — Title changed to: Ljuskultur.

T.M.C. tech. J.
T.M.C. Technical Journal. — Telephone Manufacturing Company, Hollingsworth Works, Dulwich, London, S.E.21.

Tech. Chron.
Technika Chronika. — Technical Chamber of Greece, 4 Kolokotron St., Athens.

Tech. Hausmitt. Nordwestdtsch. Rdfunks
Technische Hausmitteilungen des Nordwestdeutschen Rundfunks. — Replaced by: Rundfunktechnische Mitteilungen (Rdfunktech. Mitt.).

Tech. J. Brush Group
Technical Journal of the Brush Group. — 32 Duke Street, London, S.W.1.

Tech. Mitt. P.T.T.
Technische Mitteilungen P.T.T. (Bulletin Technique P.T.T.). — Schweizerische Post-, Telegraphen- und Telephonverwaltung, Speichergasse 6, Bern.

Tech. mod.
La Technique Moderne. — 92 Rue Bonaparte, Paris 6.

Tech. Rep. Engng Res. Inst. Kyoto Univ.
Technical Reports of the Engineering Research Institute of Kyoto University. — Kyoto.

Technik
Technik. — V.E.B. Verlag Technik, Oranienburgerstrasse 13/14, Berlin, C.2.

Technol. Rep. Osaka Univ.
Technology Reports of the Osaka University. — Faculty of Engineering, Osaka University, Higashinoda, Osaka.

Technol. Rep. Tohoku Univ.
Technology Reports of the Tohoku University. — Sendai, Japan.

Tecn. Ital.
Tecnica Italiana. — Via Beccaria 6, Trieste. [The "New Series" volume numbers initiated in 1946 were discontinued at the end of 1957, and the volume numbers are, from the beginning of 1958, again being counted from the year of foundation of the journal. Thus the 1958 volume is "Anno 23", though the 1957 volume is "New Series 12 (Anno 22)".]

Tecnica (Lisbon)
Técnica. — Av. Rovisco Pais, Lisbon-N.

Tekn. Fören. Finland Förhandl.
Tekniska Föreningens i Finland Förhandlingar. — Svenska Teaterhuset, Helsinki.

Tekn. Medd. TelegrStyr. (Oslo)
Tekniske Meddelelser fra Telegrafstyret. — Oslo.

Tekn. Skr. (Oslo)
Tekniske Skrifter. — Norske Ingeniorforening, Kronprinsengate 17, Oslo.

Tekn. Skr. (Stockholm)
Tekniska Skrifter. — Svenska Teknologföreningen, Box 841, Stockholm 1.

Tekn. T.
Teknisk Tidskrift. — Svenska Teknologföreningen. Box 841, Stockholm 1.

Tekn. Ukeblad
Teknisk Ukeblad. — Norske Ingeniørforening og den Polytekniske Forening, Kronprinsengate 17, Oslo 9.

Tekn.-vetensk. Forskn. (T.V.F.)
T.V.F. Teknisk-Vetenskaplig Forskning. (Formerly: IVA. Tidskrift for Teknisk-Vetenskaplig Forskning). — IngeniörsVetenskapsAkademien [Royal Swedish Academy of Engineering Sciences], Grevturegatan 14, Stockholm 5.

Tele
Tele. Meddelanden från Kungliga Telestyrelsen. — Stockholm. [Published in two editions, English and Swedish. The Swedish edition appears four times a year; the English edition appears twice a year].

Telecommunications (Jabalpur)
Telecommunications. — Ridge Road, Jabalpur (MP), India.

Telecommunications [U.S.S.R.]
Telecommunications. — Pergamon Press, 4 and 5 Fitzroy Square, London, W.1; 122 East 55th Street, New York 22, N.Y. [A translation of the Russian journal Elektrosvyaz'].

Telecomunicatii
Telecomunicatii. — Editorial address: Str. Ion Ghica 3, Bucarest. Administration address: Calea Victoriei 118, Bucarest.

Telefunken Ztg
Telefunken Zeitung. — Telefunken Gesellschaft, Mehringdamm 32-34, Berlin, S.W.61.

Telegr. en Telef.
Telegraaf en Telefoon. — Vereniging van Hoger Personeel der P.T.T. Publication address: Maartensdijklaan 536, Hague.

Tele-tech
Tele-tech. — Title changed to: Electronic Industries and Tele-tech [Electronic Industr.]

Teleteknik
Teleteknik. — Post- og Telegrafvaesenet og de Koncessionerde Telefonselskaber i Denmark, Valkendorfsgade 9, Copenhagen K. [English translations of selected articles from the Danish Edition are published in an English Edition, and also occasional articles not appearing in the Danish Edition].

Tellus
Tellus. — Svenska Geofysiska Föreningen. Editorial address: Institute of Meteorology, Lindhegensgatan 124, Stockholm.

Texas J. Sci.
Texas Journal of Science. — Texas Academy of Science, Box 7984, University Station, Austin, Texas.

Tijdschr. Ned. Radiogenoot.
Tijdschrift van het Nederlands Radiogenootschap. — Editor: Jagtlustlaan 9, Santpoort-Station, Holland.

Trans Amer. Geophys. Un.
Transactions of the American Geophysical Union. — 1515 Massachusetts Avenue, N.W., Washington 5, D.C.

Trans Amer. Inst. Elect. Engrs
Transactions of the American Institute of Electrical Engineers. (Part I. Published bimonthly as: Communication and Electronics. Part II. Published bimonthly as: Applications and Industry. Part III. Published bimonthly as: Power Apparatus and Systems). — 33 West 39th Street, New York 18, N.Y.

Trans Bose Res. Inst. Calcutta
Transactions of the Bose Research Institute, Calcutta. — 93/1 Upper Circular Road, Calcutta 9.

Trans Engng Inst. Canada
Transactions of the Engineering Institute of Canada. — 2050 Mansfield Street, Montreal 2.

Trans Faraday Soc.
Transactions of the Faraday Society. — 6 Gray's Inn Square, London, W.C.1. Publisher: Aberdeen University Press, 6 Upper Kirkgate, Aberdeen.

Trans I.R.E. Prof. Groups
Transactions of the Institute of Radio Engineers Professional Groups. — Title changed to: Institute of Radio Engineers Transactions [I.R.E. Trans].

Trans Illum. Engng Soc.
Transactions of the Illuminating Engineering Society. — 32 Victoria Street, London, S.W.1.

Trans Inst. Marine Engrs
Transactions of the Institute of Marine Engineers. — Memorial Building, 76 Mark Lane, E.C.3.

Trans Inst. Metal Finishing
Transactions of the Institute of Metal Finishing. — 32 Great Ormond Street, London, W.C.1.

Trans Instn Engrs Shipbld. Scotland
Transactions of the Institution of Engineers and Shipbuilders in Scotland. — 39, Elmbank Crescent, Glasgow, C.2.

Trans Instn Naval Archit.
Transactions of the Institution of Naval Architects. — 10 Upper Belgrave Street, London, S.W.1.

Trans N.-E. Coast Instn Engrs Shipbld.
Transactions of the North-East Coast Institution of Engineers and Shipbuilders. — Bolbec Hall, Newcastle upon Tyne 1.

Trans Roy. Soc. Canada
Transactions of the Royal Society of Canada. — National Research Building, Ottawa.

Trans Roy. Soc. Edinburgh
Transactions of the Royal Society of Edinburgh. — 22-24 George Street, Edinburgh 2.

Trans Roy. Soc. S. Africa
Transactions of the Royal Society of South Africa. — University of Cape Town, Rondebosch.

Trans S. African Inst. Elect. Engrs
Transactions of the South African Institute of Electrical Engineers. — Kelvin House, Marshall and Holland Streets, (P.O. Box 5907) Johannesburg.

U.R.S.I. Inform. Bull.
U.R.S.I. Information Bulletin. — 7 Place Emile Danco, Brussels.

Ukrayin. fiz. Zh.
Ukrayins'kiĭ Fizȳchnȳĭ Zhurnal. — Akademiya Nauk Ukrayins'koyi R.S.R. Publication address: 3 vul. Ryepina, Kiev.

Ukrayin. fiz. Zh. Dodatok
Dodatok Do Ukrayins'koho Fizȳchnoho Zhurnalu. (Supplement to Ukrayins'kiĭ Fizȳchnȳĭ Zhurnal). — Akademiya Nauk Ukrayins'koyi R.S.R. Publication address: 3 vul. Ryepina, Kiev.

Univ. Bergen Arbok
Universitet i Bergen Årbok. Naturvitenskapelig Rekke. — Bergen.

Uspekhi fiz. Nauk
Uspekhi Fizicheskikh Nauk. — Agent: Mezhdunarodnaya Kniga, Moscow.

V.D.E. Fachber.
V.D.E. Fachberichte. — Verband Deutscher Elektrotechniker. Publication address: V.D.E. Verlag, Bismarckstrasse 33, Berlin-Charlottenburg 2.

V.D.I. Z.
V.D.I. Zeitschrift. — Verein Deutscher Ingenieure, Prinz Georg Strasse 77/79, Düsseldorf. Publisher: V.D.I.-Verlag, Bongardstrasse 3, Düsseldorf.

Vacuum
Vacuum. — Pergamon Press, 4 and 5 Fitzroy Square, London, W.1; 122 East 55th Street, New York 22, N.Y.; 24 Rue des Ecoles, Paris 5.

Verhandl. K. Vlaamse Acad. Wetensch.
Verhandelingen van de Koninklijke Vlaamse Academie voor Wetenschappen, Letteren en Schone Kunsten van België. — Paleis der Academiën, Hertogelijke Straat 1, Brussels.

Vestnik Akad. Nauk SSSR
Vestnik Akademii Nauk SSSR. — Moscow.

Vestnik Leningrad. Univ., Ser. Fiz. Khim.
Vestnik Leningradskogo Universiteta. Seriya Fiziki i Khimii. — Leningrad University Press, Leningrad.

Vestnik Leningrad. Univ., Ser. Mat. Mekh. Astron.
Vestnik Leningradskogo Universiteta. — Seriya Matematiki, Mekhaniki i Astronomii. — Leningrad University Press, Leningrad.

Vestnik Moskov. Univ.
Vestnik Moskovskogo Universiteta. Seriya Fiziko-Matematicheskikh i Estestvennyh Nauk. — Moscow State University, Lenin Hills, Moscow.

Vide
Le Vide. — Société Française des Ingenieurs et Techniciens du Vide, 44 Rue de Rennes, Paris 6.

Voprosy energetiki
Voprosy énergetiki. — Akademiya Nauk Latviiskoi SSR, Kommunal'naya 4, Riga.

W.S.W. tech. Ber.
W.S.W. Technische Berichte. — Siemens und Halske, Wiener Schwachstrom Werke, Apostelgasse 12, Vienna 3.

Water Pwr
Water Power. — Tothill Press, 33 Tothill Street, London, S.W.1.

Wear
Wear (Usure—Verschleiss). — Elsevier Publishing Co., Spuistraat 112, Amsterdam-C. Subscriptions for the British Commonwealth (except Canada) to: Cleaver-Hume Press, 31 Wright's Lane, Kensington, London, W.8.

Westinghouse Engr
Westinghouse Engineer. — P.O. Box 2278, 3 Gateway Center, Pittsburgh 30, Pennsylvania.

Wireless Wld
Wireless World. — Iliffe and Sons, Dorset House, Stamford Street, London, S.E.1.

Wiss. Abhandl. Arbeitsgemeinschaft Forsch. Landes Nordrhein-Westfalen
Wissenschaftliche Abhandlungen der Arbeitsgemeinschaft für Forschung des Landes Nordrhein-Westfalen. — Westdeutscher Verlag, Cologne and Opladen.

Wiss. Z. Hochsch. Elektrotech. Ilmenau
Wissenschaftliche Zeitschrift der Hochschule für Elektrotechnik Ilmenau. — Ilmenau, Germany.

Wiss. Z. Tech. Hochsch. Dresden
Wissenschaftliche Zeitschrift der Technischen Hochschule Dresden. — Mommsenstrasse 13, Dresden, A.27.

World Power Conf., Gen. Rep. and Papers
General Reports and Papers read before the World Power Conference. — Secretary of the International Executive Council, 201-2 Grand Buildings, Trafalgar Square, London, W.C.2.

Z. angew. Math. Phys.
Zeitschrift für angewandte Mathematik und Physik. — Verlag Birkhäuser, Elisabethenstrasse 15, Basel 10. [Volume 9 of this journal is published in two parts: Vol. 9a contains Nos. 1, 2, 3 and 4 and Vol. 9b has appeared with separate pagination in a double issue numbered 5-6 as the Festschrift Jakob Ackeret. Note that No. 1 has already been published as "Vol. 9"].

Z. angew. Phys.
Zeitschrift für angewandte Physik. — Springer-Verlag, Reichpietschufer 20, Berlin, W. 35; Neuenheimer Landstr. 28-30, Heidelberg.

Z. Astrophys.
Zeitschrift für Astrophysik. — Springer-Verlag, Reichpietschufer 20, Berlin, W.35; Neuenheimer Landstrasse 28-30, Heidelberg.

Z. Elektrochem.
Zeitschrift für Elektrochemie. — Verlag Chemie, Weinheim/Bergstrasse.

Z. InstrumKde
Zeitschrift für Instrumentenkunde. — Friedr. Vieweg, Postfach 185, Brunswick.

Z. Naturforsch.
Zeitschrift für Naturforschung (a: Astrophysik, Physik und physikalische Chemie). — Mathildenstrasse 29, Tübingen.

Z. Österr. Ingen.-Archit.-Vereines
Zeitschrift des Österreichischen Ingenieur- und Architekten-Vereines. — Incorporated in: Österreichische Ingenieur-Zeitschrift [Österr. Ingen.-Z.].

Z. Phys.
Zeitschrift für Physik. — Springer-Verlag, Reichpietschufer 20, Berlin, W.35; Neuenheimer Landstrasse 28-30, Heidelberg.

Z. phys. Chem. (Leipzig)
Zeitschrift für physikalische Chemie. — Akademische Verlagsgesellschaft Geest und Portig K.-G., Sternwartenstrasse 8, Leipzig, C.1.

Z. wiss. Mikr.
Zeitschrift für wissenschaftliche Mikroskopie und mikroskopische Technik. — S. Hirzel Verlag, Stuttgart.

Z. wiss. Photogr.
Zeitschrift für wissenschaftliche Photographie, Photophysik und Photochemie. — J.A. Barth, Salomonstrasse 18B, Leipzig, C.1.

Zh. eksper. teor. Fiz.
Zhurnal Éksperimentalnoĭ i Teoreticheskoĭ Fiziki. — Akademiya Nauk SSSR, Moscow. Editorial address: 2 Vorob'evskoe shosse, Moscow, V-133. [A translation is published as Soviet Physics — JETP].

Zh. tekh. Fiz.
Zhurnal Tekhnicheskoĭ Fiziki. — Akademiya Nauk SSSR, Moscow. Editorial address: 1 Mendelevskaya liniya, Leningrad V-164. [A translation is published as Soviet Physics — Technical Physics].

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Applied Mechanics Reviews
American Society of Mechanical Engineers, 29 West 39th St., New York 18, N.Y. Editorial Office: Southwest Research Institute, 8500 Culebra Road, San Antonio 6, Texas.

British Society of Rheology
Bulletin of the British Society of Rheology. — See under Rheology Abstracts.

Central Electricity Generating Board Digest
Bankside House, Sumner Street, London, S.E.1.

Electrical Research Association
British Electrical and Allied Industries Research Association, "Thorncroft Manor", Dorking Road, Leatherhead, Surrey.

Inst. Internat. du Froid
Bulletin de l'Institut International du Froid. — 177 Boulevard Malesherbes, Paris 17.

Mathematical Reviews
American Mathematical Society, 190 Hope Street, Providence 6, Rhode Island.

Mathematical Tables and Other Aids
Mathematical Tables and Other Aids to Computation. — National Academy of Sciences, 2101 Constitution Avenue, Washington 25, D.C.

Metallurgical Abstracts
Institute of Metals, 17 Belgrave Square, London, S.W.1.

Meteorological Abstracts
Meteorological Abstracts and Bibliography. — American Meteorological Society, 3 Joy Street, Boston 8, Massachusetts.

Metropolitan-Vickers
Metropolitan-Vickers Technical News Bulletin. — Research Department, Metropolitan-Vickers Electrical Co., Trafford Park, Manchester 17.

Nuclear Science Abstracts
U.S. Atomic Energy Commission Technical Information Service, P.O. Box 62, Oak Ridge, Tennessee. Obtainable from: U.S. Government Printing Office, Washington 25, D.C.

Photographic Abstracts
Royal Photographic Society of Great Britain, 16 Princes Gate, London, S.W.7.

Polish Technical Abstracts
Centralny Instytut Dokumentacji Naukowo-Technicznej, Warsaw 12.

Railway Engineering Abstracts
Published by The Institution of Civil Engineers in association with British Railways and London Transport Executive. Subscription address: Institution of Civil Engineers, Great George Street, Westminster, London, S.W.1.

Rheology Abstracts
Published for the British Society of Rheology by: Pergamon Press, 4 and 5 Fitzroy Square, London, W.1; 122 East 55th Street, New York 22, N.Y. [Replaces the abstract Section of the British Society of Rheology Bulletin].

Scientific Instrument Research Association
Bulletin of the British Scientific Instrument Research Association. — Information Department, "Sira", South Hill, Chislehurst, Kent.